



STIC EIC 3600 Search Request Form

193164

New

Today's Date: 6/16/06 Class/Subclass: 705/26-27 What date would you like to use to limit the search? Priority Date: 3/22/2000 Other: 28

Name: Rob Paul
AU: 3635 Examiner #: 28748
Room #: 5D41 Phone: 2-6760
Serial #: 05/817, 535

Format for Search Results (Circle One):

PAPER DISK EMAIL

Where have you searched so far?

USP DWPI EPO JPO ACM IBM TDB

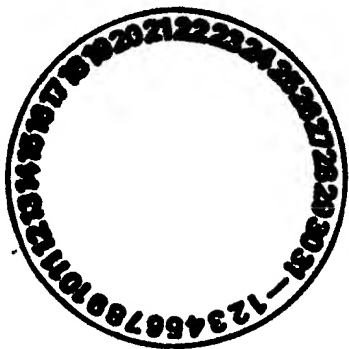
IEEE INSPEC SPI Other: Dialog

Is this a "Fast & Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC3600 and on the EIC3600 NPL Web Page at <http://ptoweb/patents/stic/stic-tc3600.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Update Search (see attached)
Janice did original search

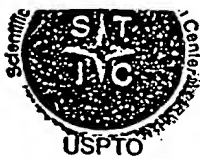


Rush

STIC Searcher _____ Phone _____

Date picked up _____ Date Completed _____





STIC EIC 3600 Search Request Form

178370

Today's Date: 2/1/06 Class/Subclass: 705/26-27 What date would you like to use to limit the search? use 8/15/2000
Priority Date: 3/27/2000 Other: _____

Name: Rob Pond
AU: 3625 Examiner #: 78418
Room #: 5D01 Phone: 2-6760
Serial #: 09/817535

Format for Search Results (Circle One):

PAPER DISK EMAIL

Where have you searched so far?

USP DWPI EPO JPO ACM IBM TDB

IEEE INSPEC SPI Other: Patents / Proquest

Is this a "Fast & Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC3600 and on the EIC3600 NPL Web Page at <http://ptoweb/patents/stic/stic-ic3600.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Claim 23

* Customer orders products/merchandise from two or more merchants
(could be online retailers or brick & mortar shops).

* a (temporary) storage facility (convenient & proximate) to the customer is identified.

* merchants ship customer's products to the storage facility.

* Just-in-time aspect.

- delivery time info

- estimating transportation time to storage facility

- Synchronizing merchants shipments to the storage facility

* Aggregating the orders for customer pick-up

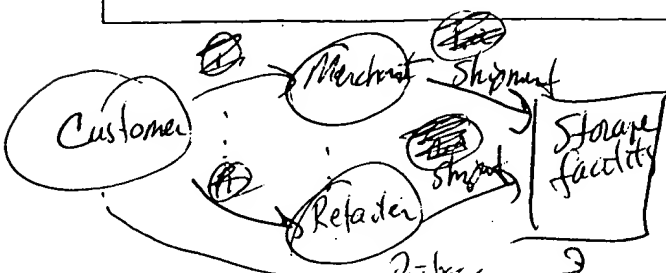
Focus here

STIC Searcher _____ Phone _____

Date picked up _____ Date Completed _____



Synchronized shipment to facility - orders aggregated for customer pickup



Set	Items	Description
S1	20	AU=(FRANCO, H? OR FRANCO H? OR HECTOR(2N)FRANCO) OR BY=(HE- CTOR(2N)FRANCO)
S2	1	S1 AND IC=G06F-017/60
S3	1	S1 AND IC=G06F?
S4	20	IDPAT S1 (sorted in duplicate/non-duplicate order)
S5	16	IDPAT S1 (primary/non-duplicate records only)

File 350:Derwent WPIX 1963-2006/UD,UM &UP=200637
(c) 2006 The Thomson Corp.

File 344:Chinese Patents Abs Jan 1985-2006/Jan
(c) 2006 European Patent Office

File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)
(c) 2006 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2006/ 200623
(c) 2006 European Patent Office

File 349:PCT FULLTEXT 1979-2006/UB=20060615,UT=20060608
(c) 2006 WIPO/Univentio

5/5/1 (Item 1 from file: 344)

DIALOG(R)File 344:Chinese Patents Abs

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4063701

PHENYL-IMIDAZOLIDINONE DERIVATIVES AND PROCESS FOR THEIR PREPARATION

Patent Assignee: ERBA FARMITALIA (IT)

Author (Inventor): MARIO VARAS (IT); **FRANCO HEIDEMPERGHE** (IT); CARLA CACCIA (IT)

Number of Patents: 038

Patent Family:

CC	Number	Kind	Date	
CN	1093702	A	941019	(Basic)
AT	623114	R1	941109	
AU	9411347	W1	940526	
AU	5336494	A1	940608	
BE	623114	R1	941109	
BY	9411347	W1	940526	
CA	2127536	AA	940526	
CA	9411347	W1	940526	
CH	623114	R1	941109	
DE	623114	R1	941109	
DK	623114	R1	941109	
EP	9411347	W1	940526	
EP	623114	A1	941109	
ES	623114	R1	941109	
FI	9411347	W1	940526	
FI	943376	A	940715	
FI	943376	A0	940715	
FR	623114	R1	941109	
GB	9224144	A0	930106	
GB	623114	R1	941109	
GR	623114	R1	941109	
HU	9411347	W1	940526	
HU	9401948	A0	940928	
IE	623114	R1	941109	
IL	107371	A0	940125	
IT	623114	R1	941109	
JP	9411347	W1	940526	
KR	9411347	W1	940526	
KZ	9411347	W1	940526	
LI	623114	R1	941109	
NL	623114	R1	941109	
NZ	9411347	W1	940526	
PL	9411347	W1	940526	
PT	623114	R1	941109	
RU	9411347	W1	940526	
SE	623114	R1	941109	
UA	9411347	W1	940526	
WO	9411347	A1	940526	

Application Data:

CC	Number	Kind	Date
*GB	9224144	A	921118
CN	93114768	A	931117

IPC: C07D-233/32; A61K-031/415

5/5/2 (Item 2 from file: 344)

DIALOG(R)File 344:Chinese Patents Abs

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4017495

PROCESS FOR THE PREPARATION OF N-PHENYLALKYL SUBSTITUTED ALPHA-AMINO CARBOXAMIDE DERIVATIVES

Patent Assignee: ERBA CARLO SPA (IT)

Author (Inventor): PHILIPPE DOSTERT PAOLO PEVARELLO (FR); **FRANCO****HEIDEMPERGHER** (IT)

Number of Patents: 018

Patent Family:

CC	Number	Kind	Date	
CN	1047496	A	901205	(Basic)
AU	9014334	W1	901129	
AU	5729990	A1	901218	
CA	9014334	W1	901129	
EP	9014334	W1	901129	
EP	400495	A1	901205	
FI	9014334	W1	901129	
GB	8912071	A0	890712	
GB	9007567	A0	900530	
GR	400495	R1	901205	
HU	9014334	W1	901129	
JP	9014334	W1	901129	
KR	9014334	W1	901129	
NO	9014334	W1	901129	
NO	910270	A0	910123	
SU	9014334	W1	901129	
US	9014334	W1	901129	
WO	9014334	A1	901129	

Application Data:

CC	Number	Kind	Date
*GB	8912071	A	890525
*GB	9007567	A	900404
CN	90103800	A	900525

IPC: C07C-237/20; C07C-323/29; A61K-031/165

5/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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017421824 **Image available**

WPI Acc No: 2005-745503/200576

Related WPI Acc No: 2003-555626; 2005-282444

XRPX Acc No: N05-614772

**Speech recognition performing method for use in navigation system,
involves acquiring speech signal from user and performing recognition
pass by applying language model to speech signal**

Patent Assignee: ARNOLD J F (ARNO-I); BERCOW D A (BERC-I); BRATT H (BRAT-I);
FRANCO H (FRAN-I); FRANDSEN M W (FRAN-I); GADDE V R R (GADD-I); ISRAEL
D J (ISRA-I); MYERS G K (MYER-I); VENKATARAMAN A (VENK-I)Inventor: ARNOLD J F; BERCOW D A; BRATT H; **FRANCO H**; FRANDSEN M W; GADDE
V R R; ISRAEL D J; MYERS G K; VENKATARAMAN A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050234723	A1	20051020	US 2001967228	A	20010928	200576 B
			US 200563357	A	20050223	

Priority Applications (No Type Date): US 200563357 A 20050223; US
2001967228 A 20010928

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
 US 20050234723 A1 8 G10L-015/18 CIP of application US 2001967228

Abstract (Basic): US 20050234723 A1

NOVELTY - The method involves acquiring a speech signal from a user and performing a recognition pass by applying a language model to the signal. The language model is constrained in accordance with a structured data source. A subsequent language model is generated based on results from the recognition pass. A subsequent recognition pass is performed by applying the subsequent language model and the speech signal is recognized.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (A) a computer readable medium having speech recognition program
- (B) an apparatus for performing speech recognition.

USE - Used for performing speech recognition in a navigation system.

ADVANTAGE - The method greatly reduces a search space required for each recognition pass, thereby making the speech recognition process more efficient, faster and accurate.

DESCRIPTION OF DRAWING(S) - The drawing shows flow chart illustrating a method for recognizing words that have observable and meaningful relationships.

pp; 8 DwgNo 2/3

Title Terms: SPEECH; RECOGNISE; PERFORMANCE; METHOD; NAVIGATION; SYSTEM; ACQUIRE; SPEECH; SIGNAL; USER; PERFORMANCE; RECOGNISE; PASS; APPLY; LANGUAGE; MODEL; SPEECH; SIGNAL

Derwent Class: P86; T01; W04

International Patent Class (Main): G10L-015/18

File Segment: EPI; EngPI

5/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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017109655. **Image available**

WPI Acc No: 2005-433998/200544

XRFX Acc No: N05-352175

Multimedia recognition results fusing method for automated information retrieval system, involves recognizing portions of terms contained in media sources using processing techniques, respectively, and adapting one technique

Patent Assignee: BRATT H (BRAT-I); FRANCO H F (FRAN-I); MYERS G K (MYER-I); RAO G V R (RAOG-I); STOLCKE A (STOL-I); VENKATARAMAN A (VENK-I)

Inventor: BRATT H; **FRANCO H F**; MYERS G K; RAO G V R; STOLCKE A; VENKATARAMAN A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050125224	A1	20050609	US 2003518201	P	20031106	200544 B
			US 2004983505	A	20041108	

Priority Applications (No Type Date): US 2003518201 P 20031106; US 2004983505 A 20041108

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
 US 20050125224 A1 11 G10L-015/00 Provisional application US 2003518201

Abstract (Basic): US 20050125224 A1

NOVELTY - The method involves recognizing a portion of a term

contained in a media source using a processing technique. Another portion of a term contained in a media source is recognized by another processing technique. The former technique is adapted based in part on a result generated by the latter technique. The adapted processing technique is implemented to re-recognize one of the portions.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(A) a computer readable medium containing an executable program for fusing recognition results from two different media sources

(B) an apparatus for fusing recognition results from two different media sources.

USE - Used for fusing multimedia recognition results from media sources in an automated information retrieval (AIR) system.

ADVANTAGE - The method can be constrained to particular domains, thus enhancing recognition accuracy.

DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram illustrating a method for fusion of recognition results from multiple types of data sources.

pp; 11 DwgNo 1/4

Title Terms: RECOGNISE; RESULT; FUSE; METHOD; AUTOMATIC; INFORMATION; RETRIEVAL; SYSTEM; RECOGNISE; PORTION; TERM; CONTAIN; MEDIUM; SOURCE; PROCESS; TECHNIQUE; RESPECTIVE; ADAPT; ONE; TECHNIQUE

Derwent Class: P86; T01; W04

International Patent Class (Main): G10L-015/00

File Segment: EPI; EngPI

5/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016958135 **Image available**

WPI Acc No: 2005-282444/200529

Related WPI Acc No: 2003-555626; 2005-745503

XRPX Acc No: N05-231403

Decoding method for spoken information request in speech recognition system involves producing second language model including words in spoken information request which are not recognized by application of initial language model

Patent Assignee: BERCOW D A (BERC-I); FRANCO H E (FRAN-I); VENKATARAMAN A (VENK-I)

Inventor: BERCOW D A; **FRANCO H E** ; VENKATARAMAN A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050055210	A1	20050310	US 2001967228	A	20010928	200529 B
			US 2003492761	P	20030805	
			US 2004912517	A	20040805	

Priority Applications (No Type Date): US 2003492761 P 20030805; US 2001967228 A 20010928; US 2004912517 A 20040805

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20050055210	A1		13	G10L-015/00	CIP of application US 2001967228 Provisional application US 2003492761

Abstract (Basic): US 20050055210 A1

NOVELTY - The method involves receiving a spoken information request from a user. An initial language model is applied to the spoken information request to identify one or more words contained in the spoken information request. A second language model including the words

in the spoken information request that are not recognized by the application of the initial language model is produced.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(A) a computer readable medium containing an executable program for decoding spoken information request; and

(B) a decoding apparatus.

USE - For spoken information request in speech recognition system.

ADVANTAGE - Attains improvement of accuracy of search result and simplification of speech recognition operation by using results of preliminary speech recognition for updating and refining language model. Reduces number of alternative hypothesis produced during speech recognition, hence enabling fast, efficient and accurate speech recognition.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart illustrating method for recognizing words having observable relationships.

pp; 13 DwgNo 2/5

Title Terms: DECODE; METHOD; SPEAKER; INFORMATION; REQUEST; SPEECH; RECOGNISE; SYSTEM; PRODUCE; SECOND; LANGUAGE; MODEL; WORD; SPEAKER; INFORMATION; REQUEST; RECOGNISE; APPLY; INITIAL; LANGUAGE; MODEL
Derwent Class: P86; T01; W04
International Patent Class (Main): G10L-015/00
File Segment: EPI; EngPI

5/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016089236 **Image available**

WPI Acc No: 2004-247112/200423

XRPX Acc No: N04-196012

Internet based customer service management method involves linking customer and customer service agent in telephonic session, at starting of customer selected time segment, to service customer's enquiry

Patent Assignee: FRANCO H (FRAN-I)

Inventor: **FRANCO H**

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040044585	A1	20040304	US 2000225393	P	20000815	200423 B
			US 2001817535	A	20010326	
			US 2002408219	P	20020903	
			US 2003651384	A	20030830	

Priority Applications (No Type Date): US 2003651384 A 20030830; US

2000225393 P 20000815; US 2001817535 A 20010326; US 2002408219 P 20020903

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040044585	A1	77	G06F-017/60	Provisional application US 2000225393

CIP of application US 2001817535
Provisional application US 2002408219

Abstract (Basic): US 20040044585 A1

NOVELTY - The available time segments of multiple customer service agents, are identified and presented to a customer, for resolving customer service enquiry within specified time period. The agent corresponding to the customer selected time segment is identified. The customer and the agent are linked in a telephonic session, at the

starting of selected time segment.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for internet-based computer assisted selection oriented knowledge base.

USE - For managing customer service between the customer and customer service agents such as supervisors, educated housewife, and retirees through internet using voice over internet phone.

ADVANTAGE - The waiting period of the customer for an inquiry is avoided and the customer satisfaction is improved. The toll charges and the missed calls during the waiting period is prevented.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the customer service management system.

pp; 77 DwgNo 1/29

Title Terms: BASED; CUSTOMER; SERVICE; MANAGEMENT; METHOD; LINK; CUSTOMER; CUSTOMER; SERVICE; AGENT; TELEPHONE; SESSION; START; CUSTOMER; SELECT; TIME; SEGMENT; SERVICE; CUSTOMER; ENQUIRY

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/60

File Segment: EPI

5/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015852018 **Image available**

WPI Acc No: 2004-009845/200401

XRPX Acc No: N04-007050

Speech recognition performing method, involves forwarding language model to speech recognizer in response to detected change of topic by another speech recognizer

Patent Assignee: ARNOLD J F (ARNO-I); FRANCO H E (FRAN-I); ISRAEL D J (ISRA-I); SRI INT (STRI)

Inventor: ARNOLD J F; **FRANCO H E** ; ISRAEL D J

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030182131	A1	20030925	US 2002105890	A	20020325	200401 B
US 7016849	B2	20060321	US 2002105890	A	20020325	200621

Priority Applications (No Type Date): US 2002105890 A 20020325

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030182131	A1		14	G10L-021/00	
US 7016849	B2			G10L-015/00	

Abstract (Basic): US 20030182131 A1

NOVELTY - Speech recognition is performed on a received speech signal in parallel in accordance with two speech recognizers (120) to produce a recognizable text signal and for detecting a change of topic respectively. The first speech recognizer employs a language model. Another language model is forwarded to the first speech recognizer in response to the detected change of the topic by the second speech recognizer.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a client device for performing speech recognition

(b) a computer readable medium having stored a set of instructions when executed by a processor causes the processor to execute the speech recognition performing method.

USE - Used for performing speech recognition.

ADVANTAGE - The method allows speech-driven control and remote access of information and services, where a change of topic or a change

in the intent of the user is detected seamlessly without the user having to inform the system of his or her intention.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of a speech recognition system.

Speech synthesizer (116)
Graphical user interface (118)
Speech recognizer module (120)
Central server (130)
Dialog manager (134)
pp; 14 DwgNo 1/3

Title Terms: SPEECH; RECOGNISE; PERFORMANCE; METHOD; FORWARDING; LANGUAGE; MODEL; SPEECH; RECOGNISE; RESPOND; DETECT; CHANGE; TOPIC; SPEECH; RECOGNISE

Derwent Class: P86; T01; W04

International Patent Class (Main): G10L-015/00; G10L-021/00

File Segment: EPI; EngPI

5/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015599440 **Image available**

WPI Acc No: 2003-661595/200362

XRPX Acc No: N03-527871

Speech recognition for accessing remote information and service in world wide web involves producing recognizable text signal and forwarding text signal to remote server after adapting performance of speech recognition

Patent Assignee: ARNOLD J F (ARNO-I); CULY C (CULY-I); FRANCO H E (FRAN-I); ISRAEL D J (ISRA-I); SRI INT (STRI)

Inventor: ARNOLD J F; CULY C; **FRANCO H E** ; ISRAEL D J

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030125955	A1	20030703	US 200133772	A	20011228	200362 B
US 7013275	B2	20060314	US 200133772	A	20011228	200620

Priority Applications (No Type Date): US 200133772 A 20011228

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20030125955 A1 9 G10L-021/00

US 7013275 B2 G10L-015/00

Abstract (Basic): US 20030125955 A1

NOVELTY - The method involves using an embedded speech recognizer (120) of a client device (110) to produce a recognizable text signal upon receiving a speech signal. The recognizable text signal is forwarded to a remote server after adapting the performance of speech recognition based on at least one local parameter.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) a client device;
- (b) a server for performing speech recognition; and
- (c) a computer readable medium.

USE - Used for accessing remote information and service in world wide web.

ADVANTAGE - Allows speech driven control and remote access of information and services. Ensures improved approach to maximize the processing power of the client device without overburdening the client device unnecessarily with a complex language model.

DESCRIPTION OF DRAWING(S) - The figure is the block diagram of a speech recognition system.

Client device (110)
Speech recognizer (120)
pp; 9 DwgNo 1/2

Title Terms: SPEECH; RECOGNISE; ACCESS; REMOTE; INFORMATION; SERVICE; WORLD
; WIDE; WEB; PRODUCE; RECOGNISE; TEXT; SIGNAL; FORWARDING; TEXT; SIGNAL;
REMOTE; SERVE; AFTER; ADAPT; PERFORMANCE; SPEECH; RECOGNISE

Derwent Class: P86; T01; W04

International Patent Class (Main): G10L-015/00; G10L-015/18; G10L-021/00

International Patent Class (Additional): G10L-011/00; G10L-015/22

File Segment: EPI; EngPI

5/5/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015493479 **Image available**

WPI Acc No: 2003-555626/200352

Related WPI Acc No: 2005-282444; 2005-745503

XRPX Acc No: N03-441301

**Speech recognition method for automobile navigation systems, involves
acquiring speech signal and selecting or generating language model based
on recognition pass to recognize utterance containing the speech signal**

Patent Assignee: FRANCO H E (FRAN-I); ISRAEL D J (ISRA-I); MYERS G K
(MYER-I); SRI INT (STRI)

Inventor: **FRANCO H E** ; ISRAEL D J; MYERS G K

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030065511	A1	20030403	US 2001967228	A	20010928	200352 B
US 6996519	B2	20060207	US 2001967228	A	20010928	200611

Priority Applications (No Type Date): US 2001967228 A 20010928

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030065511	A1		7 G10L-015/06	
US 6996519	B2		G10L-015/00	

US 20030065511 A1
US 6996519 B2

Abstract (Basic): US 20030065511 A1

NOVELTY - The method involves acquiring a speech signal and performing a recognition pass by applying a language model to the speech signal. The output obtained is used to select or generate another language model from information regarding a linguistic structure and relationships among domain components. Another recognition pass is applied on the language model to recognize the utterance of the speech signal.

USE - Used in navigation systems of automobiles to recognize utterances of speech signal.

ADVANTAGE - The iterative process of combining results of speech recognition pass and information about observable word relationships reduces the search space for each recognition pass and makes the process more efficient, fast and accurate.

DESCRIPTION OF DRAWING(S) - The drawing shows a flow chart illustrating a method for recognizing words.

pp; 7 DwgNo 2/3

Title Terms: SPEECH; RECOGNISE; METHOD; AUTOMOBILE; NAVIGATION; SYSTEM;
ACQUIRE; SPEECH; SIGNAL; SELECT; GENERATE; LANGUAGE; MODEL; BASED;
RECOGNISE; PASS; RECOGNISE; CONTAIN; SPEECH; SIGNAL

Derwent Class: P86; T01; W04; X22

International Patent Class (Main): G10L-015/00; G10L-015/06; G10L-015/18

File Segment: EPI; EngPI

5/5/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015178374

WPI Acc No: 2003-238904/200323

XRPX Acc No: N03-190406

Memory allocation method in speech recognition system, involves allocating memory for one of subgrammars when transition to subgrammar is made during Viterbi beam searching

Patent Assignee: BUTZBERGER J W (BUTZ-I); FRANCO H E (FRAN-I); NEUMEYER L (NEUM-I); ZHENG J (ZHEN-I)

Inventor: BUTZBERGER J W; **FRANCO H E** ; NEUMEYER L; ZHENG J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030004722	A1	20030102	US 2001894898	A	20010628	200323 B

Priority Applications (No Type Date): US 2001894898 A 20010628

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030004722	A1	11	G10L-015/18	

Abstract (Basic): US 20030004722 A1

NOVELTY - A Viterbi beam searching is performed by using an acquired speech signal as input and by using grammar and subgrammars contained in acquired set of data structures as possible inputs. The memory is allocated for one of subgrammars when transition to that subgrammar is made during the Viterbi beam searching.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for speech recognition method.

USE - For memory allocation while downloading data structures including list of restaurant types, such as fast food, pizza, Mexican food, Chinese food, etc., in speech recognition system implemented in portable device such as handheld computer, portable phone, vehicle. Also used in stationary device such as desktop personal computer or other appliances.

ADVANTAGE - Since the unexpanded grammars and subgrammars take up very little memory, the automatic recognition system is enabled to recognize and process a larger vocabulary. The memory allocation permits grammars and subgrammars to be added, deleted or selected by a remote computer while the speech recognition system is operating, thereby allowing speech recognition systems to have nearly unlimited vocabulary.

pp; 11 DwgNo 0/5

Title Terms: MEMORY; ALLOCATE; METHOD; SPEECH; RECOGNISE; SYSTEM; ALLOCATE; MEMORY; ONE; TRANSITION; MADE; VITERBI; BEAM; SEARCH

Derwent Class: P86; T01; W01; W04; X22

International Patent Class (Main): G10L-015/18

File Segment: EPI; EngPI

5/5/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011823444 **Image available**

WPI Acc No: 1998-240354/199821

XRPX Acc No: N98-190099

Pronunciation assessment method for automatic speech processing system - establishing speech acoustic models using training speech data from speaker which does not necessarily include spoken words, and measuring spoken words duration and comparing to model to compute score indicating similarity

Patent Assignee: SRI INT (STRI)

Inventor: DIGALAKIS V; **FRANCO H** ; NEUMEYER L; PRICE P; WEINTRAUB M

Number of Countries: 020 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9814934	A1	19980409	WO 97US17888	A	19971001	199821 B
US 6055498	A	20000425	US 9627638	P	19961002	200027
			US 97935414	A	19970923	
			US 97942780	A	19971002	
EP 1010170	A1	20000621	EP 97945476	A	19971001	200033
			WO 97US17888	A	19971001	
US 6226611	B1	20010501	US 9627638	P	19961002	200126
			US 97935414	A	19970923	
			US 97942780	A	19971002	
			US 2000491374	A	20000126	
JP 2002515136	W	20020521	WO 97US17888	A	19971001	200236
			JP 98516911	A	19971001	

Priority Applications (No Type Date): US 97935414 A 19970923; US 9627638 P 19961002; US 97942780 A 19971002; US 2000491374 A 20000126

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9814934	A1	E	52	G10L-005/04	
					Designated States (National): JP
					Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
US 6055498	A			G10L-015/08	Provisional application US 9627638 Cont of application US 97935414
EP 1010170	A1	E		G10L-005/04	Based on patent WO 9814934
					Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
US 6226611	B1			G10L-015/08	Provisional application US 9627638 Cont of application US 97935414 Cont of application US 97942780 Cont of patent US 6055498
JP 2002515136	W		47	G10L-015/00	Based on patent WO 9814934

Abstract (Basic): WO 9814934 A

The method involves accepting student speech samples which comprise a sequence of words spoken by a student speaker. A computerised acoustic segmentation system is operated to define sample acoustic units within the student speech sample based on speech acoustic models within the segmentation system.

The speech acoustic models are established using training speech data from a speaker.

The training speech data does not necessarily include the sequence of spoken words. The duration of the sample acoustic units is measured. The durations are compared to a model of exemplary acoustic unit duration to compute a duration score indicating the similarity between the sample unit durations and the exemplary ones.

USE - E.g. for automatic evaluation of speech pronunciation quality.

ADVANTAGE - Provides grading of even arbitrary utterances made up of word sequences for which there may be no training data or only incomplete training data.

Dwg.1/8

Title Terms: PRONOUNCED; ASSESS; METHOD; AUTOMATIC; SPEECH; PROCESS; SYSTEM
; ESTABLISH; SPEECH; ACOUSTIC; MODEL; TRAINING; SPEECH; DATA; SPEAKER;
NECESSARY; SPEAKER; WORD; MEASURE; SPEAKER; WORD; DURATION; COMPARE;
MODEL; COMPUTATION; SCORE; INDICATE; SIMILAR

Derwent Class: P85; P86; T01; W04

International Patent Class (Main): G10L-005/04; G10L-015/00; G10L-015/08

International Patent Class (Additional): G09B-005/00; G09B-005/04;

G10L-009/00; G10L-015/10; G10L-015/14

File Segment: EPI; EngPI

5/5/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009746571 **Image available**

WPI Acc No: 1994-026422/199403

XRPX Acc No: N94-020505

**Context dependent estimation of phonetic classes in speech recognition
appts. with hidden Markov model - obtaining context-dependent estimation
values with Bayesian factorisation for input to hidden Markov model
speech processor to identify word sequence**

Patent Assignee: SRI INT (STRI)

Inventor: COHEN M H; **FRANCO H E**

Number of Countries: 020 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9400837	A1	19940106	WO 93US5753	A	19930616	199403 B
US 5317673	A	19940531	US 92901716	A	19920622	199421

Priority Applications (No Type Date): US 92901716 A 19920622

Cited Patents: US 5175793; US 5228087

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9400837 A1 E 33 G10L-009/02

Designated States (National): CA JP KR

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL
PT SE

US 5317673 A 14 G10L-005/06

Abstract (Basic): WO 9400837 A

The method uses a multilayer perceptron (MLP) for recognising speech by context-dependent estimation of a number of state-dependent observation probability distributions of phonetic classes. Input speech vectors are applied to a single layer of an MLP. Each input speech vector is propagated forward through the MLP to produce an activation layer, which is representative of a probability value at each output unit.

Estimation is determined by the Bayesian factorisation of the observation likelihood in terms of posterior probabilities of phonetic classes, assuming the context and the input speech vector. Values representative of context-dependent estimation are employed as input to the hidden Markov model speech recogniser to identify a specific estimated word sequence from the input vectors.

ADVANTAGE - Applies practical hybrid hidden Markov model/MLP approach to problem of speech recognition.

Dwg.1,2/6

Title Terms: CONTEXT; DEPEND; ESTIMATE; PHONETIC; CLASS; SPEECH; RECOGNISE;
APPARATUS; HIDE; MARKOV; MODEL; OBTAIN; CONTEXT; DEPEND; ESTIMATE; VALUE;
BAYESIAN; INPUT; HIDE; MARKOV; MODEL; SPEECH; PROCESSOR; IDENTIFY; WORD;
SEQUENCE

Derwent Class: P86; W04
International Patent Class (Main): G10L-005/06; G10L-009/02
File Segment: EPI; EngPI

5/5/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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008719042 **Image available**
WPI Acc No: 1991-223061/199130
XRPX Acc No: N91-170228

**Electronically programmable masking appts. - has active pixel array with
associated circuitry imaged onto target substrate with communications
link for computer down-loading**

Patent Assignee: MFG SCI INC (MANU-N); MFG SCIENCES INC (SCIN-N)

Inventor: **FRANCO H**

Number of Countries: 019 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9110170	A	19910711				199130 B
AU 9171662	A	19910724				199143

Priority Applications (No Type Date): US 89455994 A 19891222

Cited Patents: US 4013466; US 4653860; US 4723838; US 4807973; US 4810060;
US 4840459; US 4944578; US 4963001

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9110170	A			

Designated States (National): AU BR CA JP KR SU

Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU NL SE

Abstract (Basic): WO 9110170 A

The liq. crystal based high resolution masking appts. is used in conjunction with image generation and image transfer system. The appts. comprises an active liq. crystal micro array of programmable pixels (101) and an interconnection system (138) with associated drive and interface circuitry.

A communication link provides for direct down loading of patterned data to the appts. from external sources such as a computer aided design systems.

USE/ADVANTAGE - Photolithography applications. Reduces costs and fabrication time.

Dwg.1/22

Title Terms: ELECTRONIC; PROGRAM; MASK; APPARATUS; ACTIVE; PIXEL; ARRAY; ASSOCIATE; CIRCUIT; IMAGE; TARGET; SUBSTRATE; COMMUNICATE; LINK; COMPUTER ; DOWN; LOAD

Derwent Class: P81; P84; P85; T01; T04; U11

International Patent Class (Additional): C09K-019/00; G02F-001/13; G03F-009/00; G09G-001/26; G09G-003/36

File Segment: EPI; EngPI

5/5/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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003587244
WPI Acc No: 1983-D5441K/198311
XRPX Acc No: N83-046553

Underground irrigator for vegetable culture - uses network of flexible

pipes in horizontal plane below roots to feed porous pipes at regular intervals

Patent Assignee: VANNONI S (VANN-I)

Inventor: **FRANCO H** ; GABILLET J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2510351	A	19830204				198311 B

Priority Applications (No Type Date): FR 8114993 A 19810731

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
FR 2510351	A	9		

Abstract (Basic): FR 2510351 A

The irrigator feeds water into the structure of the soil in metered quantities sufficient to achieve the required humidity of the bed under cultivation. The water is distributed at a depth corresponding approximately to the plant root length and is dispersed in regularly spaced zones.

The system may comprise a network of flexible pipes (11,13,16) distributing water to regularly spaced points on a horizontal plane beneath the plant roots, dispersal being effected by porous pipe lengths (18) with closed ends. The main (11) may be fed from a tank of which the floor is at the same level and the feed may be controlled by a valve activated by humidity sensors.

.1/1

Title Terms: UNDERGROUND; IRRIGATE; VEGETABLE; CULTURE; NETWORK; FLEXIBLE; PIPE; HORIZONTAL; PLANE; BELOW; ROOT; FEED; POROUS; PIPE; REGULAR; INTERVAL

Derwent Class: P13; P42

International Patent Class (Additional): A01G-025/06; B05B-001/20

File Segment: EngPI

5/5/15 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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001949881

WPI Acc No: 1978-H9151A/197840

Chassis for electrical equipment - has plates formed with slots to receive bifurcated tongues which are spread by screws

Patent Assignee: GTE AUTOMATIC ELECTRIC LAB INC (SYLV)

Inventor: **FRANCO H D**

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4116510	A	19780926				197840 B
CA 1090911	A	19801201				198102

Priority Applications (No Type Date): US 77773984 A 19770303

Abstract (Basic): US 4116510 A

The electrical equipment chassis has side, top, bottom and rear plates oriented at 90 degrees to each other. Bifurcated tongues and elongated slots are formed in the plates.

The slots and tongues are dimensioned and oriented such that in an assembled shaft, the bifurcated tongues are located in associated slots. Self-tapping screws threaded into the bifurcation openings cut threads in the walls defining these openings over the full grip length

of of the screws to hold the plates together.
Title Terms: CHASSIS; ELECTRIC; EQUIPMENT; PLATE; FORMING; SLOT; RECEIVE;
BIFURCATE; TONGUE; SPREAD; SCREW
Derwent Class: P25
International Patent Class (Additional): A47B-043/00
File Segment: EngPI

5/5/16 (Item 16 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01352754

SYSTEM FOR PLAYING DRAW GAMES

SYSTEME DESTINE A LA PRATIQUE DE JEUX DE SALON PAR TIRAGE AU SORT

PATENT ASSIGNEE:

Recreativos Franco, S.A., (3874110), C/Alfonso Gomez, 4, 28037 Madrid,
(ES), (Applicant designated States: all)

INVENTOR:

LUNA, **Hector** Omar, Recreativos **Franco** , S.A., C/Alfonso Gomez, 4,
28037 Madrid, (ES

PATENT (CC, No, Kind, Date):

WO 2001068203 010920

APPLICATION (CC, No, Date): EP 2001905831 010220; WO 2001ES63 010220

PRIORITY (CC, No, Date): AR 101191 000317

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): A63F-003/06

CITED PATENTS (WO A): FR 1594979 A ; DE 19533063 C ; US 5533631 A

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 011114 A1 International application. (Art. 158(1))

Application: 011114 A1 International application entering European
phase

Application: 021002 A1 International application. (Art. 158(1))

Appl Changed: 021002 A1 International application not entering European
phase

Withdrawal: 021002 A1 Date application deemed withdrawn: 20011218

LANGUAGE (Publication,Procedural,Application): English; English; Spanish

Set	Items	Description
S1	188	AU=(FRANCO, H? OR FRANCO H? OR HECTOR(2N)FRANCO) OR BY=(HECTOR(2N)FRANCO)
S2	0	S1 AND (WAREHOUSE? OR DOCK? ? OR (DISTRIBUTION OR SHIPPING OR LOGISTICS OR FULFILLMENT OR PROCESSING OR STORAGE OR HOLDING)() (CENTER? ? OR HUB? ? OR FACILIT?) OR (THIRD OR 3RD)()PARTY()LOGISTICS OR 3PL OR 3PLS)

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File 9:Business & Industry(R) Jul/1994-2006/Jun 15
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File 494:St LouisPost-Dispatch 1988-2006/Jun 15
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File 631:Boston Globe 1980-2006/Jun 15
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(c) 2006 The Miami Herald Publishing Co.
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File 704:(Portland)The Oregonian 1989-2006/Jun 15
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Set	Items	Description
S1	1883299	IDENTIF? OR DETERMIN? OR ESTIMAT? OR CALCULAT? OR GAUG? OR FIGURING()OUT OR ASSESS???
S2	1409764	DELIVERY OR TRANSPORT? OR ROUTE OR TRANSIT
S3	3477829	DATE OR TIME OR PERIOD OR WINDOW
S4	579743	SYNCHRONIZ? OR SYNCHRONIS? OR COORDINAT??? OR CO()OCCUR? OR COOCCUR? OR TIMING OR TIMED OR JIT OR JUST(1W)TIME
S5	1941468	AGGREGAT? OR CONSOLIDAT??? OR COLLECT? OR GATHER? OR AMASS OR ACCUMULAT? OR GROUP??? OR BUNDL???
S6	2305034	ORDER? ? OR SHIPMENT? ? OR ITEM? ? OR MERCHANDI? OR PRODUCT? ? OR GOODS OR PURCHASE? ?
S7	35586	WAREHOUSE? OR DOCK? ? OR (DISTRIBUTION OR SHIPPING OR LOGISTICS OR FULFILLMENT OR PROCESSING OR STORAGE OR HOLDING)() (CENTER? ? OR HUB? ? OR FACILIT?) OR (THIRD OR 3RD)()PARTY()LOGISTICS OR 3PL OR 3PLS
S8	607066	S1 AND (S2 OR S3)
S9	2042	S8 AND S7
S10	50744	S4 AND S6
S11	278498	S5 AND S6
S12	41	S9 AND S10
S13	4	S12 AND S11
S14	1008	S7 AND S11
S15	28	S14 AND S10
S16	28	S13 OR S15
S17	6	S16 AND IC=G06F-017/60
S18	13	S16 AND IC=G06F?
S19	13	IDPAT (sorted in duplicate/non-duplicate order)
S20	13	IDPAT (primary/non-duplicate records only)

File 350:Derwent WPIX 1963-2006/UD,UM &UP=200637

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File 344:Chinese Patents Abs Jan 1985-2006/Jan

(c) 2006 European Patent Office

File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)

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20/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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016929806

WPI Acc No: 2005-254116/200526

XRAM Acc No: C05-080549

New crystal comprising a cytoplasmic domain of an FMS-like tyrosine kinase protein or its homologue, useful in an inhibitor-screening assay
Patent Assignee: BLACK J R (BLAC-I); FAERMAN C H (FAER-I); GRIFFITH J P (GRIF-I); LIPPKE J A (LIPP-I); LU F (LUFF-I); SAXENA K (SAXE-I); SWENSON L L (SWEN-I); WYNN M A (WYNN-I); VERTEX PHARM INC (VERT-N)
Inventor: BLACK J R; FAERMAN C H; GRIFFITH J P; LIPPKE J A; LU F; SAXENA K; SWENSON L L; WYNN M A

Number of Countries: 108 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200528506	A2	20050331	WO 2004US30358	A	20040915	200526 B
US 20050181975	A1	20050818	US 2003503270	P	20030915	200555
			US 2004540391	P	20040129	
			US 2004941387	A	20040915	

Priority Applications (No Type Date): US 2004540391 P 20040129; US 2003503270 P 20030915; US 2004941387 A 20040915

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200528506	A2	E 188	C07K-014/71	
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW				
Designated States (Regional): AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW				
US 20050181975	A1		A61K-038/17	Provisional application US 2003503270

Provisional application US 2004540391

Abstract (Basic): WO 200528506 A2

NOVELTY - A crystal comprising a cytoplasmic domain of an FMS-like tyrosine kinase protein or its homologue. The cytoplasmic domain of the FMS-like tyrosine kinase protein consisting of amino acid residues 564-993, 564-958, 564-710, 762-958, 570-710, 783-947, 570-958, 570-710 or 762-958 of the 993-amino acid sequence (SEQ ID NO. 1).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for:

(1) a crystallizable composition comprising a cytoplasmic domain of an FMS-like tyrosine kinase protein or its homologue;

(2) a computer;

(3) a method of using a computer for selecting an orientation of a chemical entity that interacts favorably with the binding pocket or domain comprising a set of amino acid residues which are identical to human FMS-like tyrosine kinase amino acid residues H809, R810 or D811, where the root mean square deviation of the backbone atoms between the set of amino acid residues and the FMS-like tyrosine kinase amino acid residues is not greater than about 2.0 Angstrom; a set of amino acid residues comprising at least five amino acid residues which are identical to human FMS-like tyrosine kinase amino acid residues F621, E661, M664, L802, V808, R810, D829 or L832, where the root mean square deviation of the backbone atoms between the at least five amino acid

residues and the FMS-like tyrosine kinase amino acid residues which are identical is not greater than about 2.0 Angstrom; a set of amino acid residues comprising at least six amino acid residues which are identical to human FMS-like tyrosine kinase amino acid residues F621, K644, A657, L658, E661, M664, L802, K805, S806, C807, V808, H809, R810, D811, C828, D829, F830, G831 or L832, where the root mean square deviation of the backbone atoms between the at least six amino acid residues and the FMS-like tyrosine kinase amino acid residues which are identical is not greater than about 2.0 Angstrom; and a set of amino acid residues that are identical to FMS-like tyrosine kinase amino acid residues, where the root mean square deviation between the set of amino acid residues and the FMS-like tyrosine kinase amino acid residues is not more than about 3.0 Angstrom;

(4) a method of using a computer for selecting an orientation of a chemical entity with a favorable shape complementarity in a binding pocket;

(5) a method for identifying a candidate inhibitor of a molecule or molecular complex comprising a binding pocket or domain;

(6) a method of designing a compound or complex that interacts with a binding pocket or domain;

(7) a method of utilizing molecular replacement to obtain structural information about a molecule or a molecular complex of unknown structure, where the molecule is sufficiently homologous to a cytoplasmic domain of an FMS-like tyrosine kinase protein or its homologue;

(8) a method for identifying a candidate inhibitor that interacts with a binding site of an FMS-like tyrosine kinase protein or its homologue;

(9) a method for identifying a candidate inhibitor that interacts with a binding site of a cytoplasmic domain of an FMS-like tyrosine kinase protein;

(10) a method for identifying a candidate inhibitor that interacts with a binding site of a cytoplasmic domain of an FMS-like tyrosine kinase protein;

(11) a method for identifying a candidate inhibitor of a molecule or molecular complex comprising a binding pocket or domain; and

(12) a method of using the crystal in an inhibitor screening assay.

USE - The crystal is useful in an inhibitor-screening assay (claimed).

pp; 188 DwgNo 0/9

Title Terms: NEW; CRYSTAL; COMPRISE; CYTOPLASM; DOMAIN; TYROSINE; KINASE; PROTEIN; HOMOLOGUE; USEFUL; INHIBIT; SCREEN; ASSAY

Derwent Class: B04; D16

International Patent Class (Main): A61K-038/17; C07K-014/71

International Patent Class (Additional): C12N-009/12; G01N-033/48;

G01N-033/50; **G06F-019/00**

File Segment: CPI

20/5/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016847649 **Image available**

WPI Acc No: 2005-171931/200518

XPX Acc No: N05-143501

Data transferring, synchronizing and validating system for use in network environment, has secondary data channel to transmit data between applications and modules without passing through central database

Patent Assignee: MEJIA V (MEJI-I); RUIZ M (RUIZ-I)

Inventor: MEJIA V; RUIZ M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050033798	A1	20050210	US 2003637682	A	20030808	200518 B

Priority Applications (No Type Date): US 2003637682 A 20030808

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20050033798	A1		6 G06F-015/16	

Abstract (Basic): US 20050033798 A1

NOVELTY - The system has a middleware **product** for connecting to a legacy system. An interface interfaces a set of modules in a network environment. A secondary data channel transmits data between applications and modules without passing through a central database (8). The modules perform specific business activities selected from the **group** consisting of accounting, purchasing, receiving, engineering, inventory and manufacturing.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of transferring, **synchronizing** and validating data.

USE - Used for transferring, **synchronizing** and validating data in a network environment.

ADVANTAGE - The system easily maintains the data and is less prone to complications arising from conflicting code. The system enhances the database management overhead by reducing both man-hours and machine-hours. The system eliminates the need for expensive middle implementations. The secondary data path lightens the load demands on a central server. The system achieves data **synchronization** with real-time updates of data views and reducing data lag in logically or physically separated environments.

DESCRIPTION OF DRAWING(S) - The drawing shows a network-based information system architecture application and the Harmonizer Retrofit package.

Inventory application (1)
Accounting application (2)
Central database (8)
Mailbox (10)

Warehouse (17)
pp; 6 DwgNo 1/2

Title Terms: DATA; TRANSFER; **SYNCHRONISATION** ; VALID; SYSTEM; NETWORK; ENVIRONMENT; SECONDARY; DATA; CHANNEL; TRANSMIT; DATA; APPLY; MODULE; PASS; THROUGH; CENTRAL; DATABASE

Derwent Class: T01

International Patent Class (Main): **G06F-015/16**

File Segment: EPI

20/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 The Thomson Corp. All rts. reserv.

016033644 **Image available**

WPI Acc No: 2004-191495/200418

XRFX Acc No: N04-151872

Contextual computing system for managing digital good e.g. ring tone chain, has service provider that manages selected digital goods from warehouses to specified end-user device

Patent Assignee: TRUECONTEXT CORP (TRUE-N); HASKINS P (HASK-I); MCGUIRE K H (MCGU-I); POMBO A (POMB-I); SULTAN K A (SULT-I); ZAMFIR A (ZAMF-I)

Inventor: HASKINS P; MCGUIRE K H; POMBO A; SULTAN K A; ZAMFIR A

Number of Countries: 106 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200413782	A1	20040212	WO 2003IB3045	A	20030731	200418 B
US 20040054569	A1	20040318	US 2002399996	P	20020731	200421
			US 2003631623	A	20030731	
AU 2003247009	A1	20040223	AU 2003247009	A	20030731	200453
EP 1530769	A1	20050518	EP 2003766530	A	20030731	200533
			WO 2003IB3045	A	20030731	

Priority Applications (No Type Date): US 2002399996 P 20020731; US 2003631623 A 20030731

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200413782	A1	E	83	G06F-017/60	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

US 20040054569	A1			G06F-017/60	Provisional application US 2002399996
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AU 2003247009	A1			G06F-017/60	Based on patent WO 200413782
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EP 1530769	A1	E		G06F-017/60	Based on patent WO 200413782
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Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

Abstract (Basic): WO 200413782 A1

NOVELTY - The system has data **warehouses** containing a set of digital **goods**. A developer (14) identifies contexts of use for a specified end user. A service provider (12) identifies, presents, packages, delivers and manages selected digital **goods** from the **warehouses** to a specified end-user device. The system is managed by administrators and allowing access to end-users.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a system for implementing business logic and **coordinating** communications among multiple users

(b) a method for provisioning content to multiple users of a computing system

(c) a method of administering a computing system.

USE - Used for managing chains of digital **goods** e.g. screen background, ring tone and photo from producers to end-user devices.

ADVANTAGE - The system enables the use of several types of contents on a device-agnostic basis, thereby allowing users maximum flexibility in accessing the content they require.

DESCRIPTION OF DRAWING(S) - The drawing shows an architectural overview representing a contextual computing system.

Service provider (12)

Content developer (14)

Aggregators (16)

End-users (18)

Enterprises (20)

Integrators (22)

pp; 83 DwgNo 1/34

Title Terms: COMPUTATION; SYSTEM; MANAGE; DIGITAL; RING; TONE; CHAIN; SERVICE; MANAGE; SELECT; DIGITAL; **GOODS** ; **WAREHOUSE** ; SPECIFIED; END; USER; DEVICE

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): **G06F-007/00 ; G06F-015/16 ; G06F-017/00**

File Segment: EPI

20/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 The Thomson Corp. All rts. reserv.

015430423 **Image available**

WPI Acc No: 2003-492565/200346

XPX Acc No: N03-391259

Materials ordering requirement coordinating system for e-business application, has merging unit communicating with information warehouse , to combine material demand data of each division of organization to produce overall demand data

Patent Assignee: JOLLIE E (JOLL-I); MARKOWSKI P J (MARK-I); MCDONALD S T (MCDO-I); MURRAY M P (MURR-I)

Inventor: JOLLIE E; MARKOWSKI P J; MCDONALD S T; MURRAY M P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030069775	A1	20030410	US 2001974377	A	20011010	200346 B

Priority Applications (No Type Date): US 2001974377 A 20011010

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030069775	A1		8 G06F-017/60	

Abstract (Basic): US 20030069775 A1

NOVELTY - An independent demand calculation system comprising automated materials planning requirement (MRP) units (135,136) and a non-MRP unit, calculates the demand data of a number of materials required by each division in an organization, and outputs the data to a merging unit (200).

DETAILED DESCRIPTION - The merging unit, in communication with an information **warehouse** (201), combines the material demand data of all the divisions to output an overall material demand data of the organization.

An INDEPENDENT CLAIM is also included for demand **aggregating** method.

USE - For **coordinating** materials ordered by multiple division of organization for e-business application.

ADVANTAGE - Enables combining the demand data of all the divisions into overall demand data in a consistent and predetermined format, thereby obtaining accurate forecast for expected volume of materials with benefit such as reduction in legacy system and operational cost, and timeliness, common data source establishment.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic block diagram of the materials ordering requirements **coordinating** system.

material suppliers (110-112)

assembly suppliers (120,121)

business units (130-132)

MRP units (135,136)

merging unit (200)

information **warehouse** (201)

pp; 8 DwgNo 2/3

Title Terms: MATERIAL; **ORDER** ; REQUIRE; **COORDINATE** ; SYSTEM; BUSINESS;

APPLY; MERGE; UNIT; COMMUNICATE; INFORMATION; **WAREHOUSE** ; COMBINATION;
 MATERIAL; DEMAND; DATA; DIVIDE; ORGANISE; PRODUCE; OVERALL; DEMAND; DATA
 Derwent Class: T01
 International Patent Class (Main): **G06F-017/60**
 File Segment: EPI

20/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 The Thomson Corp. All rts. reserv.

014844788 **Image available**

WPI Acc No: 2002-665494/200271

Related WPI Acc No: 2002-557777; 2002-665387; 2002-674051; 2003-661619

XRPX Acc No: N02-526470

Electrical power conversion method involves supplementing variable power from wind power production facility with power from converter, when power from wind power production facility is below preset value

Patent Assignee: ABB AB (ALLM)

Inventor: ANDREN L A T; GERTMAR L G I; LOF P K

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020087234	A1	20020704	US 2000749999	A	20001229	200271 B
			US 2001839220	A	20010423	
US 6512966	B2	20030128	US 2000749999	A	20001229	200311
			US 2001839220	A	20010423	

Priority Applications (No Type Date): US 2000749999 A 20001229; US 2001839220 A 20010423

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020087234	A1	68	G05D-011/00	Div ex application US 2000749999
US 6512966	B2		G05D-003/12	Div ex application US 2000749999

Abstract (Basic): US 20020087234 A1

NOVELTY - A **time** variable output power is produced from a wind power generation facility. It is **determined** whether the **time** variable output power is below a preset value level and if so the **time** variable output power is supplemented with power output from a converter including a reactive power compensation mechanism and an active power compensation mechanism.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) an AC power application control processor;
- (2) a computer program **product** for electric power conversion method;
- (3) an AC power application facilitation system;
- (4) a computer-based facility;
- (5) a renewable power **coordination** method;
- (6) an electrical power unit commercial value enhancement method;
- (7) a power unit investment portfolio management method;
- (8) an electrical energy conversion system;
- (9) a power **coordination** system;
- (10) an electrical power unit commercial value enhancement system;
- (11) a power unit investment portfolio management system;
- (12) an electric power prognostication method; and
- (13) an electric power prognostication system.

USE - For renewable power production facility e.g. wind turbine power production facility.

ADVANTAGE - Commercial value of electrical power produced by wind turbine power production facility, is enhanced to make electric power as commercially valuable and fungible one. As **collection** of energy from renewable power production facility is easily enabled by creating a virtual energy **storage facility**, need of purchasing physical assets for storing power is avoided and cost is reduced.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of power generation and supply system.

pp; 68 DwgNo 2/36

Title Terms: ELECTRIC; POWER; CONVERT; METHOD; SUPPLEMENTARY; VARIABLE; POWER; WIND; POWER; PRODUCE; FACILITY; POWER; CONVERTER; POWER; WIND; POWER; PRODUCE; FACILITY; BELOW; PRESET; VALUE

Derwent Class: Q14; Q51; Q55; T01; X12; X15

International Patent Class (Main): G05D-003/12; G05D-011/00

International Patent Class (Additional): B60L-001/02; F01K-015/00; F03D-009/00; G01R-011/56; G01R-021/133; G05D-005/00; G05D-009/00;

G06F-017/00 ; H02P-009/04

File Segment: EPI; EngPI

20/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014343916 **Image available**

WPI Acc No: 2002-164619/200221

XRPX Acc No: N02-125628

Supplies delivering system for vehicle assembly plants, has super cross dock which delivers requested supplies to assembly plants according to assembly plant timing requirements and plant line location

Patent Assignee: HONDA AMERICA MFG INC (HOND); HONDA GIKEN KOGYO KK (HOND)

Inventor: KONDO T; TAMAI M; VINING N

Number of Countries: 096 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200204329	A1	20020117	WO 2001US21723	A	20010710	200221 B
AU 200171966	A	20020121	AU 200171966	A	20010710	200234
US 20020062169	A1	20020523	US 2000613643	A	20000711	200239
			US 200132718	A	20011228	
US 20020152140	A1	20021017	US 2000613643	A	20000711	200270
			US 2002173185	A	20020617	
US 20030178481	A1	20030925	US 2000613643	A	20000711	200364
			US 200132718	A	20011228	
			US 2003394294	A	20030321	
US 6698655	B2	20040302	US 2000613643	A	20000711	200417
			US 200132718	A	20011228	
			US 2003394294	A	20030321	

Priority Applications (No Type Date): US 2000613643 A 20000711; US

200132718 A 20011228; US 2002173185 A 20020617; US 2003394294 A 20030321

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200204329 A1 E 29 B65G-065/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200171966 A B65G-065/00 Based on patent WO 200204329

US 20020062169 A1 G06F-007/00 Div ex application US 2000613643
 US 20020152140 A1 G06F-017/60 Cont of application US 2000613643
 US 20030178481 A1 G06F-017/00 Div ex application US 2000613643
 Cont of application US 200132718
 US 6698655 B2 G06K-017/00 Div ex application US 2000613643
 Cont of application US 200132718

Abstract (Basic): WO 200204329 A1

NOVELTY - An **order consolidation** computer **consolidates** supply **order** requests and transmits **consolidated** supply **orders** to supplier computers. A super cross **dock** (110) receives the supplies requested in the **consolidated** supply **orders** and delivers the supplies to the assembly plants (100,102,104) according to assembly plant **timing** requirements and assembly plant line location.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for assembly plants supplies delivery method.

USE - Used for delivering supplies to vehicle assembly plants.

ADVANTAGE - Reduces the stop-over charges significantly, that result when a single supplier is required to make deliveries to multiple assembly plants. Reduces cost involved in staging supplies for use on an assembly line. Since the staging is completed at the facility, according to the assembly plant's needs as indicated on a label e.g. bar code, assembly plant space and man power requirements are reduced.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic diagram of the receiving and delivering of supplies.

Super cross **dock** ; (110)

Assembly plants (100,102,104)

pp; 29 DwgNo 2/7

Title Terms: SUPPLY; DELIVER; SYSTEM; VEHICLE; ASSEMBLE; PLANT; SUPER; CROSS; **DOCK** ; DELIVER; REQUEST; SUPPLY; ASSEMBLE; PLANT; ACCORD; ASSEMBLE; PLANT; TIME; REQUIRE; PLANT; LINE; LOCATE

Derwent Class: Q35; T01

International Patent Class (Main): B65G-065/00; **G06F-007/00** ; **G06F-017/00** ; **G06F-017/60** ; G06K-017/00

International Patent Class (Additional): **G06F-017/60**

File Segment: EPI; EngPI

20/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012745403 **Image available**

WPI Acc No: 1999-551520/199946

Related WPI Acc No: 1999-580262

XRPX Acc No: N99-408070

Time and motion study conduction using portable computing device having memory for data collection system utilized in working system

Patent Assignee: COCA-COLA CO (COKE)

Inventor: KMACK K C; KRIGLINE K K; MORGAN W C; TIPSWORD J L; VALLEJO V E

Number of Countries: 085 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9946664	A2	19990916	WO 99US5689	A	19990312	199946 B
AU 9935457	A	19990927	AU 9935457	A	19990312	200006
US 6304851	B1	20011016	US 9842361	A	19980313	200164

Priority Applications (No Type Date): US 9842361 A 19980313

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
 WO 9946664 A2 E 72 G06F-000/00
 Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
 CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
 LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
 SL TJ TM TR TT UA UG US UZ VN YU ZW
 Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
 IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW
 AU 9935457 A G06F-000/00 Based on patent WO 9946664
 US 6304851 B1 G06F-017/00

Abstract (Basic): WO 9946664 A2

NOVELTY - The activity record of an activity, selected in the memory of a portable computing device (10), is created. The created activity record includes a time reference which is obtained by marking the start time and the end time of the selected activity. The activity is selected from a defined list of activities which is stored in the memory of the portable computing device.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a method for conducting time and motion studies where an analyst observes and records data for activities performed by a worker;

(b) a system for conducting time and motion studies using a portable computing device having a memory;

(c) and a computer program **product** for conducting time and motion studies in which an analyst observes a worker performing an activity and records data using a portable computing device.

USE - For data **collection** system utilized in working system e.g. factory. Used for increasing the efficiency and productivity of the working system such as a factory.

ADVANTAGE - Provides an improved data **collection** method, apparatus and computed program **products** related to time and motion studies. Obtains accurate data for use in time and motion studies. Performs simplifies and intuitive data **collection** for time and motion studies. Provides a highly configurable tool for conducting time and motion studies. Enables broad application in time and motion studies, whether conducting time and motion studies for production, **warehouse** or material handling, retail, or office task. Performs multiple functions which simplify and streamline the data **collection** process. Reduces the steps required at the end of one activity and the beginning of the next activity. Enables continuous **timing** of an activity.

DESCRIPTION OF DRAWING(S) - The figure show the schematic illustration of a data **collection** system.

Portable computing device (10)

pp; 72 DwgNo 1/28

Title Terms: TIME; MOTION; STUDY; CONDUCTING; PORTABLE; COMPUTATION; DEVICE
 ; MEMORY; DATA; **COLLECT** ; SYSTEM; WORK; SYSTEM

Derwent Class: T01

International Patent Class (Main): **G06F-000/00** ; **G06F-017/00**

File Segment: EPI

20/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 The Thomson Corp. All rts. reserv.

012154182 **Image available**

WPI Acc No: 1998-571094/199849

XRPX Acc No: N98-444487

Portable time logging and costing unit - has electronic timing

circuits and data memory circuits, with controls to allow selection of client, entry of hourly rate, and display of cumulative time and amount

Patent Assignee: LOGISEM SARL (LOGI-N)

Inventor: CABE D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2762697	A1	19981030	FR 975135	A	19970425	199849 B

Priority Applications (No Type Date): FR 975135 A 19970425

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
FR 2762697	A1	17	G06F-017/60	

Abstract (Basic): FR 2762697 A

The **time** logging and costing unit has an electronic circuit to generate an accurate measure of **time**, and an electronic data **storage facility**. The unit has a number of electronic display screens (3-7) with a numeric entry key pad (8) and a number of control switches (8,10,12,13,16).

The data storage holds data as client files, each with an **identification** field (3), and hourly rate field (4) whose value is set by the user using the key pad and the controls. A further data field holds the **accumulated time**, and another field the **product** of the **accumulated time** and the hourly rate.

ADVANTAGE - Simple, easily used automatic **time** logger with facilities to interrupt logging and switch to different tasks. Provides accurate costing of **time** to clients.

Dwg.1/3

Title Terms: PORTABLE; **TIME**; LOG; COST; UNIT; ELECTRONIC; **TIME**; CIRCUIT; DATA; MEMORY; CIRCUIT; CONTROL; ALLOW; SELECT; CLIENT; ENTER; HOUR; RATE; DISPLAY; CUMULATIVE; **TIME**; AMOUNT

Derwent Class: T01; T05

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): **G06F-151-00**; G07C-001/00

File Segment: EPI

20/5/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010632727 **Image available**

WPI Acc No: 1996-129680/199613

XRPX Acc No: N96-108973

Interactive audio-visual distribution system for handing subscriber requests - allows system subscribers unlimited access to programme library, and permits selection of variable time allowance intervals for each requested item

Patent Assignee: INTERIM DESIGN INC (INTE-N); HADDAD J C (HADD-I)

Inventor: HADDAD J C

Number of Countries: 062 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9604753	A1	19960215	WO 95US9802	A	19950801	199613 B
AU 9536249	A	19960304	AU 9536249	A	19950801	199623
US 5555441	A	19960910	US 94284846	A	19940802	199642
US 5835843	A	19981110	US 94284846	A	19940802	199901
			US 96711583	A	19960910	
US 6072982	A	20000606	US 94284846	A	19940802	200033

			US 96711583	A	19960910	
			US 9854020	A	19980402	
US 20050097619	A1	20050505	US 94284846	A	19940802	200531
			US 96711583	A	19960910	
			US 9854020	A	19980402	
			US 2000501553	A	20000209	
			US 2004931576	A	20040901	

Priority Applications (No Type Date): US 94284846 A 19940802; US 96711583 A 19960910; US 9854020 A 19980402; US 2000501553 A 20000209; US 2004931576 A 20040901

Cited Patents: 02Jnl.Ref; EP 605115; WO 9212599

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9604753	A1	E	62	H04N-007/173	
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Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TT UA UG UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ UG

AU 9536249	A			H04N-007/173	Based on patent WO 9604753
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US 5555441	A		27	H04N-007/173	
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US 5835843	A			H04N-007/173	Cont of application US 94284846
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Cont of patent US 5555441

US 6072982	A			H04N-001/00	Cont of application US 94284846
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Cont of application US 96711583

Cont of patent US 5555441

Cont of patent US 5835843

US 20050097619	A1			H04N-007/173	Cont of application US 94284846
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Cont of application US 96711583

Cont of application US 9854020

Cont of application US 2000501553

Cont of patent US 5555441

Cont of patent US 5835843

Cont of patent US 6072982

Abstract (Basic): WO 9604753 A

The interactive audiovisual distribution system includes a distribution centre comprising a library of stored audio-visual programmes. An **order** processing computer is connected to a number of subscriber stations for handling requests for delivery of selected segments of the programmes. The computer is connected to a number of transmission control processing units for allocating servicing of requests to the transmission control processing unit.

Each transmission control processing unit has a transmission control processor for receiving commands from the computer and for handling the distribution of selected requested **items**. A memory stores audio-visual including the selected program segments, and an interface **coordinates** the transfer of the requested segments to the subscriber stations corresp. to the requests. Each subscriber station has a receiver for the requested material, a terminal processor having a memory and a display, and a video processor for decompressing the segments.

ADVANTAGE - Efficient program distribution while serving individual subscriber needs. Distributor can fill **orders** simultaneously. Allows identical **orders** to **accumulate** within given period. Viewing time is independent of transmission and delivery time.

Dwg.2/16

Title Terms: INTERACT; AUDIO; VISUAL; DISTRIBUTE; SYSTEM; HAND; SUBSCRIBER; REQUEST; ALLOW; SYSTEM; SUBSCRIBER; UNLIMITED; ACCESS; PROGRAMME; LIBRARY; PERMIT; SELECT; VARIABLE; TIME; ALLOW; INTERVAL; REQUEST; **ITEM**

Derwent Class: T01; W02; W04
International Patent Class (Main): H04N-001/00; H04N-007/173
International Patent Class (Additional): **G06F-003/00** ; **G06F-013/00** ;
H04N-001/02; H04N-005/445; H04N-007/00; H04N-007/16
File Segment: EPI

20/5/10 (Item 10 from file: 347)
DIALOG(R)File 347:JAPIO
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07361624 **Image available**
DISTRIBUTION CONTROL METHOD OF **MERCHANDISE** , ITS SYSTEM, PROGRAM AND
MEDIUM

PUB. NO.: 2002-230121 [JP 2002230121 A]
PUBLISHED: August 16, 2002 (20020816)
INVENTOR(s): SHIBA RIKIO
SHIMIZU YUKIHIKO
NAGATSUKA TAKAYUKI
APPLICANT(s): CANON INC
APPL. NO.: 2001-025839 [JP 200125839]
FILED: February 01, 2001 (20010201)
INTL CLASS: **G06F-017/60** ; G03G-021/00

ABSTRACT

PROBLEM TO BE SOLVED: To solve a problem that a cost and labor are spent for any **collection** methods of a toner cartridge such as to prepare truck facilities, etc., for **collection** by a store or a manufacturer, to bring it the to the store by a user and to transmit it by packing it in a box exclusive for **collection** by the user.

SOLUTION: When an **order** is received from the user 4, the toner cartridge is delivered from a branch **warehouse** 6 to the user 4. At its delivery, a spent toner cartridge is **collected** according to desire of the user 4 and once delivered to the branch **warehouse** 6. Then, the spent toner cartridge delivered to the branch **warehouse** 6 is transmitted from the branch **warehouse** 6 to a **collection** center 7 at prescribed **timing** and recycled there.

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20/5/11 (Item 11 from file: 347)
DIALOG(R)File 347:JAPIO
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07001668 **Image available**
METHOD AND SYSTEM FOR CIRCULATING BUSINESS CONSUMPTION ARTICLE, PROGRAM AND
MEDIUM

PUB. NO.: 2001-229280 [JP 2001229280 A]
PUBLISHED: August 24, 2001 (20010824)
INVENTOR(s): SHIBA RIKIO
SHIMIZU YUKIHIKO
NAGATSUKA TAKAYUKI
APPLICANT(s): CANON INC
APPL. NO.: 2000-035935 [JP 200035935]
FILED: February 14, 2000 (20000214)
INTL CLASS: **G06F-017/60** ; B65G-001/137; **G06F-019/00**

ABSTRACT

PROBLEM TO BE SOLVED: To solve such problems that any of methods of **collecting** toner cartridges requires labor and time for such as the arrangement of supply truck service for **collection** by store or manufacturer, the bringing of toner cartridges to store by user, the packing of the cartridges into **collection** -only boxes and delivery of them.

SOLUTION: When a user 4 gives an **order**, a toner cartridge is delivered to the user 4 from a branch **warehouse** 6. At the time of delivery, the used toner cartridge is **collected** in accordance with the desire of the user 4 and it is once delivered in the branch **warehouse** 6. The used toner cartridge which is once stored in the branch **warehouse** 6 is sent from the branch **warehouse** 6 to a **collection** center 7 at prescribed **timing** and it is recycled.

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20/5/12 (Item 12 from file: 347)
DIALOG(R)File 347:JAPIO
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04360385 **Image available**
INTER-OBJECT **COORDINATION** SYSTEM

PUB. NO.: 06-004285 [JP 6004285 A]
PUBLISHED: January 14, 1994 (19940114)
INVENTOR(s): KONNO YOICHI
OIYAKE YASUKUNI
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 04-160961 [JP 92160961]
FILED: June 19, 1992 (19920619)
INTL CLASS: [5] **G06F-009/44**; G05B-019/403
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units);
22.3 (MACHINERY -- Control & Regulation); 36.1 (LABOR SAVING
DEVICES -- Industrial Robots)
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &
Microprocessors)
JOURNAL: Section: P, Section No. 1724, Vol. 18, No. 200, Pg. 17, April
07, 1994 (19940407)

ABSTRACT

PURPOSE: To flexibly cope with the change of the outside to advance the processing among plural objects.

CONSTITUTION: In the system where **products** are carried from a temporary yard to a **warehouse** and are piled up by plural carrying robots 1 (R1 and R2), control sensitivities of parameters which control the functions of objects of carrying robots 1 are evaluated, and parameters requiring control are selected, and the degree of an influence upon the outside of the function control due to parameters of the carrying robot R1 is forecasted to temporarily control the parameters, and the difference between this degree of influence of parameters and the actual degree of change of the outside is evaluated to control the parameters. When this evaluated difference exceeds a certain value, a **group** of parameters having a large influence upon this difference out of parameters of the

carrying robot R1 is selected, and control sensitivities of functions of the carrying robot R2 other than the carrying robot R1 are estimated, thereby controlling parameters between carrying robots R1 and R2 in **coordination** with each other.

20/5/13 (Item 13 from file: 347)

DIALOG(R)File 347:JAPIO

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03156329 **Image available**
PART DELIVERY SYSTEM

PUB. NO.: 02-131829 [JP 2131829 A]
PUBLISHED: May 21, 1990 (19900521)
INVENTOR(s): HOSONO SEIICHI
MISHIRO SHINICHI
MORIMOTO MASAYUKI
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
KONICA CORP [000127] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 63-281118 [JP 88281118]
FILED: November 07, 1988 (19881107)
INTL CLASS: [5] B23P-021/00; B23Q-041/08; B65G-001/00; G05B-015/02;
G06F-015/21 ; G06F-015/24
JAPIO CLASS: 25.2 (MACHINE TOOLS -- Cutting & Grinding); 22.3 (MACHINERY
-- Control & Regulation); 26.9 (TRANSPORTATION -- Other);
45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD: R080 (CONSTRUCTION -- Automated **Warehouses**); R107
(INFORMATION PROCESSING -- OCR & OMR Optical Readers
JOURNAL: Section: M, Section No. 1007, Vol. 14, No. 364, Pg. 143,
August 07, 1990 (19900807)

ABSTRACT

PURPOSE: To deliver parts in **synchronism** with an assembly line in a part-delivery system, etc., for delivering the parts to the assembly line of a copying machine by judging models and the number of the machine at assembly, and supplying the required parts immediately before starting of assembling operation.

CONSTITUTION: The system, when it is roughly classified, is basically **grouped** into three components: assembly line control computer system 3, automatic **warehouse** control computer system 4, and host computer system 1. A file 2 storing parts-list master, a stock master, etc., is connected to the system 1. Personal computers 6 as many as the number of processes are connected to the system 3, and bar code counters 7 are respectively connected to the system 4, and a conveyor is laid as a conveying path from the **warehouse** 5 to the places where each process of a **product** assembly line is performed, and thereby parts are carried to the assembly line.

Set	Items	Description
S1	1269910	IDENTIF? OR DETERMIN? OR ESTIMAT? OR CALCULAT? OR GAUG? OR FIGURING()OUT OR ASSESS???
S2	602442	DELIVERY OR TRANSPORT? OR ROUTE OR TRANSIT
S3	2660880	DATE OR TIME OR PERIOD OR WINDOW
S4	371098	SYNCHRONIZ? OR SYNCHRONIS? OR COORDINAT??? OR CO()OCCUR? OR COOCCUR? OR TIMING OR TIMED OR JIT OR JUST(1W)TIME
S5	1134250	AGGREGAT? OR CONSOLIDAT??? OR COLLECT? OR GATHER? OR AMASS OR ACCUMULAT? OR GROUP??? OR BUNDL???
S6	1465664	ORDER? ? OR SHIPMENT? ? OR ITEM? ? OR MERCHANDI? OR PRODUC- T? ? OR GOODS OR PURCHASE? ?
S7	27448	WAREHOUSE? OR DOCK? ? OR (DISTRIBUTION OR SHIPPING OR LOGI- STICS OR FULFILLMENT OR PROCESSING OR STORAGE OR HOLDING)() (C- ENTER? ? OR HUB? ? OR FACILIT?) OR (THIRD OR 3RD)()PARTY()LOG- ISTICS OR 3PL OR 3PLS
S8	256177	S1(7N)(S2 OR S3)
S9	21276	S4(5N)S6
S10	113437	S5(5N)S6
S11	5435	S1(S)S7
S12	55	S11(S)S9
S13	15	S12(S)S10
S14	7	S13 AND IC=G06F-017/60

File 348:EUROPEAN PATENTS 1978-2006/ 200623
(c) 2006 European Patent Office

File 349:PCT FULLTEXT 1979-2006/UB=20060615,UT=20060608
(c) 2006 WIPO/Univentio

14/3,K/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01888484

Systems and methods for secure transaction management and electronic rights protection

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques

PATENT ASSIGNEE:

ELECTRONIC PUBLISHING RESOURCES, INC., (976840), 460 Oakmead Parkway, Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, Maryland 20705, (US)
Shear, Victor H., 5203 Battery Lane, Bethesda, Maryland 20814, (US)
Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, California 94530, (US)

Van Wie, David M., 1780 East 25th Avenue, Eugene, OR 97403, (US)

LEGAL REPRESENTATIVE:

Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane, London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1526472 A2 050427 (Basic)

APPLICATION (CC, No, Date): EP 2004078254 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS (V7): G06F-017/60 ; G06F-009/46

ABSTRACT WORD COUNT: 151

NOTE:

Figure number on first page: 75

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200517	355
SPEC A	(English)	200517	167222
Total word count - document A			167577
Total word count - document B			0
Total word count - documents A + B			167577

INTERNATIONAL PATENT CLASS (V7): G06F-017/60 ...

...SPECIFICATION pricing discounts (including quantity discounts),

P billing related time duration variables such as discounting new **purchases** based on the **timing** of past **purchases**, and

P security budgets based on quantity of different, logically related units of electronic information...right to distribute a different array of properties than another distributor (from a common content **collection** provided, for example, on optical disc). An individual, and/or a class or other grouping...

...are performed remote to VDE controlled content end-user VDE locations by assessing, for example, **purchases**, and/or requests, for electronic properties by a given VDE installation. Applications for such reconciliation...of portable VDEs as transaction cards at retail and other establishments, wherein such cards can " **dock** " with an

establishment terminal that has a VDE secure sub-system and/or an online
...

14/3,K/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01097287 **Image available**

SYSTEMS AND METHODS TO SUPPORT IMPORT-EXPORT TRANSACTIONS
SYSTEMES ET PROCEDES D'ASSISTANCE A DES TRANSACTIONS D'IMPORT-EXPORT
Patent Applicant/Assignee:

TRADEBEAM INC, Two Waters Park Drive, Suite 100, San Mateo, CA 94403-1148
, US, US (Residence), US (Nationality)

Inventor(s):

HOUSE Timothy D, 241 Seale Avenue, Palo Alto, CA 94301, US,
BHANDARI Suvikas, 921 Catamaran Street, #4, Foster City, CA 94404, US,
BEAUMON Elizabeth G, 636 Madrone Avenue, Sunnyvale, CA 94085, US,
VEKSLER Boris A, 7 Tiara, Irvine, CA 92614, US,
DAO Jason V, 1685 Bayridge Way, Apt. 210, San Mateo, CA 94402, US,
NAPIER Graham R F, 2753 Burlingame Drive, Burlingame, CA 94010, US,

Legal Representative:

BEFFEL Ernest J Jr (et al) (agent), Haynes, Beffel & Wolfeld LLP, P.O.
Box 366, Half Moon Bay, CA 94109, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200419180 A2-A3 20040304 (WO 0419180)
Application: WO 2003US26584 20030825 (PCT/WO US03026584)
Priority Application: US 2002228158 20020826

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI OM PG PH PL PT RO RU SC SD SE SG
SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11364

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Claims

Claim

... be provided and summarized on this display. Orders information is
displayed in section 1650. A **shipment** may **consolidate** multiple
orders and line **items** from one or more orders. Order lines may
correspond to purchase orders, sales orders or...

...for drop-off of the shipment to be loaded on the vessel or flight, an
estimated time of departure, a destination port or airport, an
estimated time of arrival, places in terms of delivery, equipment
required for shipment and a pickup...

...mixed containers or not. Rows can be added for packages, with gross

weight information. Product **identification** information 1756 can be provided, including product ID, description and quantity. Information related to further...

...permit an actor with authority to un-complete the booking. The CC field 1761 allows **identification** of registered or unregistered persons, selectable from the address book, to receive notice of the...

...by a screen) in the shipment process is finished. One user has the authority to **determine** that the step has been sufficiently completed. Clicking 'Complete' prevents any farther changes. [0044] Modify...

...and times may be entered 1855. The carrier in next toward in 1856 may be **identified** for movement of loaded packaging to a drop-off location by a cutoff date and...

...or updating of the equipment information. .15 Selected recipients of the export shipping instructions are **identified** in section 1870. Recipient roles include export forwarder, export trucker and exporter **warehouse**. Special documentation can be provided, such as a cargo release authorization to the exporter **warehouse**. The viewer may select whether not to send a copy of the export instructions to...

...packing list information 2055, equipment information 2056, and information related to further processing in this **shipment** stage 1960. The information **synchronized** with other screens includes seller reference, invoice and bill of lading or airway numbers 205...

...example includes line item sequence no., product ID and product description, container and container seal **identification**, lot no., pickup location, package ID, quantity, packaging, unit weight, net weight, gross weight, and...

14/3,K/3 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00870520 **Image available**

SUPER CROSS-DOCK LOGISTICS SYSTEM AND METHOD

PROCEDE ET SYSTEME D'ENSEMBLE LOGISTIQUE A MANUTENTION

Patent Applicant/Assignee:

HONDA OF AMERICA MFG INC, 24000 Honda Parkway, Marysville, OH 43040, US,
US (Residence), US (Nationality)

Inventor(s):

KONDO Ted, 866 Wedgewood Drive, Marysville, OH 43040, US,
TAMAI Masayuki, 5947 Kirkwall Court E., Dublin, OH 43017, US,
VINING Neil, 2229 Smart Road, Ostrander, OH 43061, US,

Legal Representative:

STANDLEY Jeffrey S (et al) (agent), Standley & Gilcrest LLP, Suite 210,
495 Metro Place S., Dublin, OH 43017, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200204329 A1 20020117 (WO 0204329)

Application: WO 2001US21723 20010710 (PCT/WO US0121723)

Priority Application: US 2000613643 20000711

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
 TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
 (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
 (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
 (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
 (EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3862

International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... any additional cost-savings realized by the supplier. In order to utilize truck space efficiently, **orders** from assembly plants are consolidated by **timing**. **Orders** are placed with the suppliers 5 based on when the supplies are needed at each of the assembly plants. The timing requirements as well as super cross- **dock** and assembly line location information is included on the labels that the supplier places on...

...on the supply labels is then used in staging the supplies at the super cross- **dock** based on time of delivery to the assembly plants and assembly line location. For example...

14/3,K/4 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00806382

METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A MARKET SPACE INTERFACE

PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHÉ ENTRE UNE PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHÉ

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
 (Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 1400
 Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139028 A2 20010531 (WO 0139028)

Application: WO 2000US32308 20001122 (PCT/WO US0032308)

Priority Application: US 99444773 19991122; US 99444798 19991122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
 ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
 MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
 TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 170977

Main International Patent Class (v7): **G06F-017/60**
Fulltext Availability:
Detailed Description

Detailed Description

... be spent for programming ancillary equipment with similar information. Typically, these systems must be perfectly **synchronized** with each other or problems will occur. As a result, the total cost of the...one embodiment of the present invention for facilitating a virtual shopping transaction by comparing different **products** and services; Figure 57 is an illustration of one embodiment of the present invention for...include: economies of scale are enabled, rationalization of procurement and inventory, rationalization of distribution and **logistics facilities**, and facilitation of the development of an industry-wide standard, More benefits will be set...First or Last Access Point in the network

Provides actual call / session handling, routing and **processing** based on instructions &om the Rules Database server
Session Manager / Event Logger (Session Control)
This...a professional and customer supportive manner.

Figure 26 is a flowchart illustrating an Invoice and **Collections** Process in accordance with a preferred embodiment. First, in step 2600, customer account inquiries and...of many transmission lines coming into the switch from the same location of origin. This **group** of ports is the originating trunk group. After processing an incoming call, the switch transmits...

14/3,K/5 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00803948 **Image available**

METHOD OF AND SYSTEM FOR ENABLING BRAND-IMAGE COMMUNICATION BETWEEN VENDORS AND CONSUMERS

PROCEDE ET SYSTEME PERMETTANT DE COMMUNIQUER UNE IMAGE DE MARQUE ENTRE DES VENDEURS ET DES CONSOMMATEURS

Patent Applicant/Assignee:

IPF INC, Soundview Plaza, 1266 East Main Street, Stamford, CT 06902, US,
US (Residence), US (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

PERKOWSKI Thomas J, 10 Waldon Road, Darien, CT 06820, US, US (Residence),
US (Nationality), (Designated only for: US)

Legal Representative:

PERKOWSKI Thomas J (agent), Thomas J. Perkowski, P.C., Soundview Plaza,
1266 East Main Street, Stamford, CT 06902, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200137540 A2-A3 20010525 (WO 0137540)

Application: WO 2000US31757 20001117 (PCT/WO US0031757)

Priority Application: US 99441973 19991117; US 99447121 19991122; US
99465859 19991217; US 2000483105 20000114; US 2000599690 20000622; US

2000641908 20000818; US 2000695744 20001024

Parent Application/Grant:

Related by Continuation to: US 99441973 19991117 (CIP); US 99447121 19991122 (CIP); US 99465859 19991217 (CIP); US 2000483105 20000114 (CIP); US 2000599690 20000622 (CIP); US 2000641908 20000818 (CIP); US 2000695744 20001024 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 116871

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Claims

Claim

... the graphical object, however manifested, will automatically result in a CPI search on a particular **product** identified by a UPN encoded within the associated Applet. In the illustrative embodiments shown in...out this communication protocol when the IPI Finding and Serving Subsystem is in its Manufacturer/ **Product** Registration Mode of operation. As indicated at Block A in Fig. 6A, when selected from...

...Registration Form is presented (i.e. displayed) and the manufacturer then enter

s some requested **identification** information (e.g. Manufacturer s Company Name, Address, Name of CEO and President, phone number, 6-digit Manufacturer **Identification** Number assigned by the UCC, etc.) and presses the Send button on the Manufacturer Registration...

...manufacturer s UPN/TM/PD/URL database that does not contain the 6-digit Manufacturer **Identification** Number assigned to the manufacturer by the UCC, the RDBMS automatically blocks all such information...manufacturer (i.e. using UPC numbers not containing the manufacturer s 6-digit UCC Manufacturer **Identification** Number), the limitedversion of the UPN/TM/PD1URL database will automatically display an HTML-encoded...

...as of set forth herein. In Fig. 2A, there is shown an alternative way of **collecting** and managing consumer **product** information along the consumer-product supply and demand chain. While the method of consumer **product** information **collection** and management shown in Fig. 2A is similar in many ways to the method shownRDBMS 9A, realized as a data **warehouse** (i.e. RDBMS) supported upon a massively-parallel computing platform. Thereafter, each IRF in the data **warehouse** can be linked a URL specifying the location of the IRF within the data **warehouse** , and all URLs associated with a particular product can be linked to its UPN. The...catalog database management subsystem 450) are programmed to automatically (i) access the conventional UPC-indexed **product** sales

catalog 460 on periodic (e.g. daily) basis and (ii) import up-to-date...

...460 for enabling B B e-commerce transactions with its retail trading partners. Such data- **synchronization** operations can be carried in a fully automatic programmed manner over the Internet or particular...

...these imported UPC numbers, trademarks and product-descriptors, through the above-described database initialization and data- **synchronization** techniques of the present invention, the manufacturer's brand managers, product managers, advertising agents and...

...information catalog database management subsystem 450 and transport the same to central UPN-indexed Data **warehouse** 470 shown in Fig. 2C, in accordance the principles of the present invention. By virtue of the above-described database-initialization and **synchronization** techniques illustrated in Fig. 2C2, the business-to-consumer (B C) consumer product information management...the design, construction, management and maintenance of Web-pages, ECstores, on-line (retail and wholesale) **product** catalogs, on-line auction site pages, Web advertisements, and the like.

Page 198

Accessing The...the central UPN/TM/PD/IRF RDBMS 9 is realized as a massive centralized data **warehouse** using data **warehouse** technology known in the art. In all other respects, this schematic representation is similar to...consumer wants the lowest price, and would be willing to buy a product in a **warehouse** off a shipping pallet, but the retailer aims to provide a more rich consumer experience...URL SW Fee Agent Email; and Date of Last Record Update. Many of these information **items** will be **collected** by the system during the Manufacturer Registration mode of the system, depicted in the Information...

...information on consumers who register with the system, such as e-mail address, assigned consumer **identification**0 number(s), retail locations at which the consumer shops as well as various consumer indices...

14/3,K/6 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761424

A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PHASE DELIVERY OF COMPONENTS OF A SYSTEM REQUIRED FOR IMPLEMENTATION OF TECHNOLOGY
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A LA FOURNITURE PAR PHASES DE COMPOSANTS D'UN SYSTEME NECESSAIRES A L'APPLICATION D'UNE TECHNIQUE

Patent Applicant/Assignee:

ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US

(Residence), US (Nationality)

Inventor(s):

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,

MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,

BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,
 Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073930 A2 20001207 (WO 0073930)

Application: WO 2000US14458 20000524 (PCT/WO US0014458)

Priority Application: US 99321360 19990527

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ
CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE
EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149456

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... Note operation 10. Next, in operations 12-30, the pictorial representation is indicia coded in **order** to demonstrate any one or more of various aspects of the system. Such indicia coding...

14/3,K/7 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00401843 **Image available**

APPARATUS AND METHOD FOR MANAGING AND DISTRIBUTING DESIGN AND MANUFACTURING INFORMATION THROUGHOUT A SHEET METAL PRODUCTION FACILITY

APPAREIL ET METHODE CORRESPONDANTE PERMETTANT DE GERER ET DE REPARTIR UNE INFORMATION RELATIVE A LA CONCEPTION ET A LA FABRICATION DANS UNE INSTALLATION DE PRODUCTION DE TOLES

Patent Applicant/Assignee:

AMADA METRECS CO LTD,
AMADASOFT AMERICA INC,

Inventor(s):

HAZAMA Kensuke,
HWANG Yearn-Tzuo,
SAKAI Satoshi,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9742587 A1 19971113

Application: WO 97US7472 19970506 (PCT/WO US9707472)

Priority Application: US 9616958 19960506; US 96690084 19960731

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 147831

Main International Patent Class (v7): **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... 5-7 below). Lastly, bend line information may be entered at server

module 32 for **storage** in database 30. The bend line information may comprise, for example, pertinent bend line information...

...bend, the amount of deduction, and the bend direction (e.g., front or back).

In **order** to transmit to and receive data from database 30 over communications network 26, each of...performed based on different modified search key sequences to locate other similar parts. Initially, the **items** or criteria within the search keys that are less critical or sensitive (such as the...the counterclockwise direction (e.g., by initiating the first lead line vector in the Y- **coordinate** direction). Thereafter, in **order** to detect the first entity in the path of the loop, the angle that each...

Set	Items	Description
S1	4230513	IDENTIF? OR DETERMIN? OR ESTIMAT? OR CALCULAT? OR GAUG? OR FIGURING()OUT OR ASSESS???
S2	910682	DELIVERY OR TRANSPORT? OR ROUTE OR TRANSIT
S3	2722974	DATE OR TIME OR PERIOD OR WINDOW
S4	382149	SYNCHRONIZ? OR SYNCHRONIS? OR COORDINAT??? OR CO()OCCUR? OR COOCCUR? OR TIMING OR TIMED OR JIT OR JUST(1W)TIME
S5	2000678	AGGREGAT? OR CONSOLIDAT??? OR COLLECT? OR GATHER? OR AMASS OR ACCUMULAT? OR GROUP??? OR BUNDL???
S6	3129779	ORDER? ? OR SHIPMENT? ? OR ITEM? ? OR MERCHANDI? OR PRODUCT? ? OR GOODS OR PURCHASE? ?
S7	54516	WAREHOUSE? OR DOCK? ? OR (DISTRIBUTION OR SHIPPING OR LOGISTICS OR FULFILLMENT OR PROCESSING OR STORAGE OR HOLDING)() (CENTER? ? OR HUB? ? OR FACILIT?) OR (THIRD OR 3RD)()PARTY()LOGISTICS OR 3PL OR 3PLS
S8	918478	S1 AND (S2 OR S3)
S9	61367	S4 AND S6
S10	408050	S5 AND S6
S11	1736	S8 AND S7
S12	151	S11 AND S10
S13	11	S12 AND S9
S14	11	RD (unique items)
S15	2917	S7 AND S10
S16	69	S15 AND S9
S17	891185	CUSTOMER? OR CONSUMER? OR BUYER? OR PURCHASER? OR SHOPPER? OR USER?
S18	634624	PICK()UP OR TRANSFERRED OR OBTAIN OR RECEIVE OR COLLECT OR ACQUIRE
S19	36672	S17 AND S18
S20	2	S16 AND S19
S21	2	RD (unique items)
S22	12	S14 OR S21
S23	6	S22 NOT PY>2000
File	2:INSPEC 1898-2006/Jun W1	
	(c) 2006 Institution of Electrical Engineers	
File	35:Dissertation Abs Online 1861-2006/May	
	(c) 2006 ProQuest Info&Learning	
File	65:Inside Conferences 1993-2006/Jun 16	
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File	99:Wilson Appl. Sci & Tech Abs 1983-2006/May	
	(c) 2006 The HW Wilson Co.	
File	474:New York Times Abs 1969-2006/Jun 15	
	(c) 2006 The New York Times	
File	475:Wall Street Journal Abs 1973-2006/Jun 15	
	(c) 2006 The New York Times	
File	583:Gale Group Globalbase(TM) 1986-2002/Dec 13	
	(c) 2002 The Gale Group	

23/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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07571763 INSPEC Abstract Number: C2000-06-7160-008

Title: A distributed order promise and planning system for the virtual enterprise

Author(s): Azevedo, A.L.; Sousa, J.P.; Bastos, J.A.; Toscano, C.

Author Affiliation: Porto Univ., Portugal

Conference Title: Globalization of Manufacturing in the Digital Communications ERA of the 21st Century: Innovation, Agility, and the Virtual Enterprise. Proceedings of the Tenth International IFIP WG5.2/5.3 International Conference PROLAMAT 98 p.69-80

Editor(s): Jacucci, G.; Olling, G.J.; Preiss, K.; Wozny, M.J.

Publisher: Kluwer Academic Publishers, Norwell, MA, USA

Publication Date: 1998 Country of Publication: USA xvi+868 pp.

ISBN: 0 412 83540 1 Material Identity Number: XX-1999-01025

Conference Title: Proceedings of PROLAMAT '98

Conference Date: 9-12 Sept. 1998 Conference Location: Trento, Italy

Medium: Also available on CD-ROM in PDF format

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The paper describes an "order promise" system to support decision making in the planning processes of virtual enterprises, viewed as networks of different units, namely plants, logistic centres and **storage facilities**. The system aims at improving customer due **date calculation**, and is intended to be a multi-site planning tool to co-ordinate local activities across the virtual enterprise network. It is based on the use of **aggregate** information and on a set of local rough capacity models. This work is part of a broader project with a particular focus on the microelectronics industry. Companies of this industry are a good example of virtual enterprises, where a quick response to customer needs and to unpredictable changes in production conditions is considered a major factor for success. (12 Refs)

Subfile: C

Descriptors: computer aided production planning; decision support systems; distributed processing; industrial control; integrated circuit manufacture; manufacturing data processing

Identifiers: distributed **order** promise system; planning system; **aggregate** information; decision making support; planning processes; logistic centres; **storage facilities**; customer due **date calculation**; multi-site planning tool; local activity **coordination**; virtual enterprise network; local rough capacity models; microelectronics industry; customer needs; unpredictable changes; production conditions; available-to-promise; decision support systems

Class Codes: C7160 (Manufacturing and industrial administration); C7480 (Production engineering computing); C7102 (Decision support systems); C7410D (Electronic engineering computing); C3350E (Control applications in the electronics industry); C6150N (Distributed systems software); C5620 (Computer networks and techniques); C7420 (Control engineering computing)

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23/5/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2006 Institution of Electrical Engineers. All rts. reserv.

07054561 INSPEC Abstract Number: C9811-7160-037

Title: A location-allocation model with distance and quantity sensitive freight rates to determine warehouse locations for high frequency (JIT

) **deliveries**

Author(s): Das, C.; Tyagi, R.

Author Affiliation: Dept. of Manage., Northern Iowa Univ., Cedar Falls, IA, USA

Conference Title: 1997 Proceedings. Decision Sciences Institute, 1997 28th Annual Meeting Part vol.2 p.905-7 vol.2

Publisher: Decision Sci. Inst, Atlanta, GA, USA

Publication Date: 1997 Country of Publication: USA 3 vol. xxiii+1702 pp.

Material Identity Number: XX98-02320

Conference Title: Proceedings of National Annual Meeting to the Decision Sciences

Conference Date: 22-25 Nov. 1997 Conference Location: San Diego, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The paper presents an analysis of the effect of high frequency **delivery** requirement of **JIT** manufacturing on **warehouse** locations in a two-level distribution system consisting of a single plant and one or more **warehouses**. Higher **delivery** frequency reduces the **shipment** quantity and may require a relocation of the **warehouses**. A nonlinear location-allocation type mixed integer programming model is developed to **determine** if and when such relocations are necessary. An equivalent linear model is formulated for computational feasibility. The model affords the choice of **transport** modes, comparison of direct versus **consolidated shipments**, and the specification of plant to **warehouse delivery** frequency. Several examples are solved by using the LINGO software, and observations are made on the generality of solutions. (0 Refs)

Subfile: C

Descriptors: integer programming; manufacturing data processing; resource allocation; stock control data processing

Identifiers: location-allocation model; quantity sensitive freight rates; **warehouse** locations; high frequency deliveries; high frequency **delivery** requirement; **JIT** manufacturing; two-level distribution system; **shipment** quantity; nonlinear location-allocation type mixed integer programming model; equivalent linear model; computational feasibility; **transport** modes; **consolidated shipments**; **delivery** frequency; LINGO software

Class Codes: C7160 (Manufacturing and industrial administration); C7180 (Retailing and distribution computing); C1180 (Optimisation techniques)

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23/5/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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07006746 INSPEC Abstract Number: C9810-1290F-019

Title: Optimizing dock configuration and staffing in decentralized receiving

Author(s): Yano, C.A.; Bozer, Y.; Kamoun, M.

Author Affiliation: Dept. of Ind. Eng. & Oper. Res., California Univ., Berkeley, CA, USA

Journal: IIE Transactions vol.30, no.7 p.657-68

Publisher: Chapman & Hall,

Publication Date: July 1998 Country of Publication: UK

CODEN: IIETDM ISSN: 0740-817X

SICI: 0740-817X(199807)30:7L:657:ODCS;1-1

Material Identity Number: D447-98008

Language: English Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: In manufacturing facilities, shipping and receiving traditionally have been concentrated in one or two areas of the building. The widespread introduction of **just -in- time** shipping policies in US manufacturing companies during the past 15 years, as well as the common use of decentralized receiving in the Japanese automobile industry, has motivated the consideration (and occasionally the adoption) of **dock** configurations to support decentralized receiving (also known as perimeter receiving). By providing multiple access points along the perimeter of the building, decentralized receiving generally reduced the **time** and cost associated with moving **purchased** parts to the locations within the facility where they are used, but also results in increased cost of construction, maintenance, and operation for **docks** and associated truck access/egress, as well as additional interior floorspace requirements. We develop an optimization-based procedure to **determine** which of several possible **dock** areas to construct, how many doors or gates each should have, how many unloading and internal material handling staff should be assigned to each **group**, and which inbound materials each **group** should handle. We consider the amortized cost of constructing and equipping the **docks**, the amortized cost of material handling equipment to support the unloaders and material handlers, the cost of operating the material handling equipment, and labor costs for both unloading and internal material handling. (5 Refs)

Subfile: C

Descriptors: human resource management; materials handling; optimisation; production control; stock control

Identifiers: **dock** configuration; staffing; decentralized receiving; **just -in- time** shipping policies; US manufacturing companies; Japanese automobile industry; perimeter receiving; floorspace requirements; optimization-based procedure; material handling staff; inbound materials; amortized cost

Class Codes: C1290F (Systems theory applications in industry); C1180 (Optimisation techniques)

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23/5/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2006 Institution of Electrical Engineers. All rts. reserv.

03849786 INSPEC Abstract Number: C87021094

Title: AS/RS cuts inventory and tightens control

Author(s): Pashall, M.R.

Journal: Modern Materials Handling vol.41, no.15 p.58-9

Publication Date: Dec. 1986 Country of Publication: USA

CODEN: MMHHA2 ISSN: 0026-8038

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A)

Abstract: An AS/RS linked with a bar code system supplies R.J. Reynolds Tobacco Company's distribution network on a **just -in- time** basis with 99% inventory accuracy and cost savings in the millions. Reynolds relies on a 17-aisle, high-bay AS/RS linked to an extensive bar code **identification** network capable of tracking up to 4000 stockkeeping units (SKUs) in over 23000 storage locations. The systems **consolidate** and control the flow of cigarettes and tobacco **products** throughout the company's distribution network. (0 Refs)

Subfile: C

Descriptors: manufacturing industries; **warehouse** automation

Identifiers: R.J. Reynolds Tobacco Company; AS/RS; inventory; bar code system; distribution network; **just -in- time**; cigarettes; tobacco **products**

Class Codes: C3320 (Materials handling); C7160 (Manufacturing and industry); C7420 (Control engineering)

23/5/5 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01671772 ORDER NO: AAD99-08704

INFORMATION SYSTEMS FOR COORDINATION UNDER DEMAND UNCERTAINTY (SUPPLY CHAIN)

Author: ANAND, KRISHNAN S.

Degree: PH.D.

Year: 1998

Corporate Source/Institution: STANFORD UNIVERSITY (0212)

Adviser: HAIM MENDELSON

Source: VOLUME 59/10-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3876. 158 PAGES

Descriptors: BUSINESS ADMINISTRATION, MANAGEMENT ; OPERATIONS RESEARCH ; ECONOMICS, COMMERCE-BUSINESS ; INFORMATION SCIENCE

Descriptor Codes: 0454; 0796; 0505; 0723

This dissertation consists of three essays on a common theme, reflected in the title of the dissertation. All three essays construct theoretical models of a firm and/or its supply chain. Demand uncertainty, and the use of Information Systems to counteract its deleterious effects to better match supply and demand, are common to the settings of all three models. The term "**coordination**" in the dissertation title refers to the firm's trying to maximize its profits by appropriate information **gathering**, delegation of decision-making authority, information dissemination to different decision-makers and production, sales and inventory policies--i.e., to concerted ("**coordinated**") actions to minimize the negative effects of demand uncertainty. Each chapter throws the spotlight on a different aspect of the **coordination** problem.

The first essay ("Information and Organization for Horizontal Multimarket **Coordination**") models the effects of alternative **coordination** structures on the performance of a firm that faces uncertain demand in multiple horizontal markets. The firm's **coordination** structure is jointly **determined** by its decision-rights structure and by its information structure. The performance of decentralized, centralized and distributed structures are compared, and the factors that affect the value of **coordination** are studied. The results quantify and illustrate the value of co-locating decision rights with specific knowledge.

The second essay ("Postponement and Information in a Supply Chain") models a supply chain consisting of a production facility, a **distribution center** and two differentiated markets. Information Systems are used to mitigate the effects of demand uncertainty in the output markets. The firm's operational performance is studied under alternative business processes, comparing early and delayed **product** differentiation. Their comparison yields the value of postponement. The results demonstrate that informational considerations have a paramount effect on the effectiveness of postponement strategies.

The third essay presents a more general modeling framework of a supply chain, and studies the effects of the informativeness and **timing** of Information Systems on the optimal multi-**period** production, **shipment** and inventory policies. Under quite general conditions, information and inventory are shown to be complements. The drivers of this relationship are studied. Applications of this framework are presented.

23/5/6 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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09346557

YCH bags second Mexican deal

MEXICO: YCH WINS CONTRACT FROM SOLECTRON
Business Times (XBA) 17 Aug 2000 shipping timesp.14
Language: ENGLISH

Singapore's YCH **Group**, a logistics and supply chain management firm, has won a contract to construct and run a US\$ 10 mn (S\$ 17.2 mn) materials hub in Mexico for electronics contract manufacturer Solecron Corp. The 20,000 sq m facility, to be built on a three-hectare site next to Solecron, will support its **just-in-time** manufacturing operations across six plants in Mexico and North America. YCH will manage incoming **shipments** from around 250 suppliers, storage of materials and all outgoing **shipments**. Its Internet-enabled solution, Intrtribution, will be deployed to allow suppliers to track the level of supplies drawn by Solecron and be alerted when replenishments are needed. YCH hopes that from its base in Mexico, it can further its tie-up with Solecron and **identify** others with world-class multinationals in the area. Its other client in Mexico is Singapore's Natsteel Electronics.

COMPANY: NATSTEEL ELECTRONICS; INTERNET; SOLECTRON; SUPPLY CHAIN
MANAGEMENT; YCH

PRODUCT: Production Management (9913); Freight **Transport** (4002);
Industrial Buildings & Warehouses (1541);
EVENT: Capital Expenditure (43); Use of Materials & Supplies (46);
Contracts & **Orders** (61);
COUNTRY: Singapore (9SIN); Mexico (3MEX);

Set	Items	Description
S1	5855081	IDENTIF? OR DETERMIN? OR ESTIMAT? OR CALCULAT? OR GAUG? OR FIGURING()OUT OR ASSESS???
S2	4107153	DELIVERY OR TRANSPORT? OR ROUTE OR TRANSIT
S3	14122273	DATE OR TIME OR PERIOD OR WINDOW
S4	1201155	SYNCHRONIZ? OR SYNCHRONIS? OR COORDINAT??? OR CO()OCCUR? OR COOCCUR? OR TIMING OR TIMED OR JIT OR JUST(1W)TIME
S5	11114860	AGGREGAT? OR CONSOLIDAT??? OR COLLECT? OR GATHER? OR AMASS OR ACCUMULAT? OR GROUP??? OR BUNDL???
S6	12655503	ORDER? ? OR SHIPMENT? ? OR ITEM? ? OR MERCHANDI? OR PRODUC- T? ? OR GOODS OR PURCHASE? ?
S7	483579	WAREHOUSE? OR DOCK? ? OR (DISTRIBUTION OR SHIPPING OR LOGI- STICS OR FULFILLMENT OR PROCESSING OR STORAGE OR HOLDING)() (C- ENTER? ? OR HUB? ? OR FACILIT?) OR (THIRD OR 3RD)()PARTY()LOG- ISTICS OR 3PL OR 3PLS
S8	211871	S1(5N)(S2 OR S3)
S9	59771	S4(5N)S6
S10	392475	S5(5N)S6
S11	3773	S8(4S)S7
S12	204	S11(2S)S10
S13	16	S12(2S)S9
S14	11	RD (unique items)
S15	64	S12(2S)S4
S16	3	S15 NOT PY>2000
S17	3	RD (unique items)
S18	14	S14 OR S17
S19	14	RD (unique items)

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19/3,K/1

DIALOG(R)File 20:Dialog Global Reporter
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49526282

STONEMOR PARTNERS LP

EDGAR ONLINE

June 13, 2006

JOURNAL CODE: CXEO LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 3720

... of accounting requires us to estimate the percentage of completion as of the balance sheet **date** and future costs (including **estimates** for future inflation). Changes to our estimates of the percentage of completion or the related...

... Allowance for Cancellations. Allowances for cancellations arising from non-payment of pre-need contracts are **estimated** at the **date** of sale based upon our historical cancellation experience. Due to the number of estimates and...

...use of the related assets. Our policy is to record an impairment loss in the **period** when it is **determined** that the sum of future undiscounted cash flows is less than the carrying value of...prior periods' financial statements for any changes in accounting principle, unless it is impracticable to **determine** either the **period**-specific effects or the cumulative effect of the change. This statement is effective for accounting ...

19/3,K/2

DIALOG(R)File 20:Dialog Global Reporter
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49448656

BOOKS A MILLION INC

EDGAR ONLINE

June 08, 2006

JOURNAL CODE: CXEO LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 3656

... items from Anderson Media totaled \$7,016,000 and \$6,734,000, respectively. The Company **purchases** certain of its **collectibles** and books from Anderson Press, Inc. ("Anderson Press"), an affiliate through common ownership. During the...

19/3,K/3

DIALOG(R)File 20:Dialog Global Reporter
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48754915

WOLVERINE WORLD WIDE INC /DE/

EDGAR ONLINE

May 05, 2006

JOURNAL CODE: CXEO LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 2869

... consumer-direct initiatives, distribution equipment and building improvements. The Company leases machinery, equipment and certain

warehouse , office and retail store space under operating lease agreements that expire at various dates through...

...utilizes the Black-Scholes model, which requires the input of subjective assumptions. These assumptions include **estimating** (a) the length of **time** employees will retain their vested stock options before exercising them ("expected term"), (b) the volatility...

19/3,K/4

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48702971

RC2 CORP

EDGAR ONLINE

May 03, 2006

JOURNAL CODE: CXEO LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 3244

... through West Coast ports as well as timely rail/truck delivery to the Company's **warehouse** and/or customers' **warehouses** ; increases in the cost of raw materials used to manufacture the Company's products and...

19/3,K/5

DIALOG(R)File 20:Dialog Global Reporter
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48702967

ADTRAN INC

EDGAR ONLINE

May 03, 2006

JOURNAL CODE: CXEO LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 4151

...and, in general, management expects that ADTRAN's financial results may vary from period to **period** . CRITICAL ACCOUNTING POLICIES AND **ESTIMATES** Except as set forth below, our critical accounting policies and estimates have not changed significantly...in cost of sales as a percentage of sales is primarily related to a favorable **product** mix, manufacturing efficiencies, and the **timing** differences between the recognition of cost reductions and the lowering of product selling prices. Cost...

... significant research and development expenses prior to the receipt of revenues from a major new **product group** or market expansion. INTEREST INCOME Interest income increased 75.0% from \$2.0 million in...items will give rise to a tax deduction and a favorable permanent difference in the **period** of exercise. However, we cannot **estimate** when, or guarantee that disqualifying dispositions will occur. NET INCOME As a result of the ...

...December 31, 2005 to 52 days as of March 31, 2006. A steady level of **shipments** and good **collection** performance throughout a quarter will result in reduced DSO, compared with higher levels of shipments...

19/3,K/6

DIALOG(R)File 20:Dialog Global Reporter
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48642706

MEDTOX SCIENTIFIC INC

EDGAR ONLINE

May 01, 2006

JOURNAL CODE: CXEO LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 3739

... clients. Revenues from these services can fluctuate from quarter-to-quarter depending on the actual **timing** of clinical trials. In the **Product** Sales segment, sales of POCT products, which consists of the PROFILE-II, PROFILE-II ER...to \$0.6 million in the first quarter of 2006 and were impacted by the **timing** of the placement of **orders** from our two existing clients for these services. Gross Profit Three Months Ended Quarter-over...

... services as a percentage of Laboratory Services revenues ** Cost of sales as a percentage of **Product** Sales revenues **Consolidated** gross margin increased to 43.7% of revenues in the first quarter of 2006, compared...

19/3,K/7

DIALOG(R)File 20:Dialog Global Reporter

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48642603

K SWISS INC

EDGAR ONLINE

May 01, 2006

JOURNAL CODE: CXEO LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 3128

... is recognized for equity instruments for which employees do not render the requisite service. We **determine** the grant- **date** fair value of employee share options using the Black-Scholes option-pricing model adjusted for...

... months. Backlog does not include orders scheduled to be shipped on or prior to the **date** of **determination** of backlog. The mix of "futures" and "at-once" orders can vary significantly from quarter...

19/3,K/8

DIALOG(R)File 20:Dialog Global Reporter

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40856829 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Q4 2004 Mobility Electronics Earnings Conference Call - Part 1

FAIR DISCLOSURE WIRE

February 10, 2005

JOURNAL CODE: WFDW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 4435

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... deal of forward-looking information related to our expectations, which is based on our best **estimates** at this **time**. We encourage you to focus in particular on the specifics we provided relative to our...

19/3,K/9

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39472605

Jessops plc - Final Results

CNF

December 08, 2004

JOURNAL CODE: WRNS LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 6196

... in order to reduce the shortfall. Jessops also has a defined contribution scheme ("The Jessop **Group** Limited Money **Purchase** Pension Scheme") into which it contributes between 1% and 6% of salary depending on the...

19/3,K/10

DIALOG(R)File 20:Dialog Global Reporter
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36010024

Yates Group PLC - Final Results

CNF

June 09, 2004

JOURNAL CODE: WRNS LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 4509

... 4) Capital allowances for the period in excess of depreciation ordinary activities (334) (469) exceptional **items** 267 - Other short term **timing** differences 6 (21) Capital losses or rollover relief on losses on disposal of property - exceptional...

19/3,K/11

DIALOG(R)File 20:Dialog Global Reporter
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28765791

Q1 2003 Cymer, Inc. Earnings Conference Call - Final - Part 1

FAIR DISCLOSURE WIRE

April 02, 2003

JOURNAL CODE: WFDW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 4612

...in the course of Q3 2003 and will shut down CSD1, CSD 2, and our **warehouse** CSD 5 by the end of Q3, 2003. After the consolidation of this facilities, we...

19/3,K/12

DIALOG(R)File 20:Dialog Global Reporter
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02530448 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Optum Supply Chain Execution Software Selected By Mexico's Largest Chemical Company

PR NEWSWIRE

August 17, 1998

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 726

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... optimization capabilities will enable Celanese Mexicana to consolidate shipments among its manufacturing plants while automatically **determining** the best **transportation** mode, at the best rate, to balance financial objectives and delivery expectations.

About Celanese Mexicana...

19/3,K/13

DIALOG(R)File 20:Dialog Global Reporter
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01939623 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Logility Wins RAD Award from Microsoft for Transportation Applications

PR NEWSWIRE

June 16, 1998 8:29

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 517

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Value Chain Solution capabilities include Demand Planning, Inventory Planning, Replenishment Planning, Manufacturing Planning, Event Planning, **WarehousePRO**, and Demand and Supply Chain Voyager, Logility's award-winning Internet products.

Headquartered in Atlanta...

... support organization and key industry alliances, Logility Value Chain Solutions deliver advanced collaborative planning and **synchronization** between demand opportunities, supply constraints and logistics operations. Logility is proud to serve such customers...

19/3,K/14

DIALOG(R)File 20:Dialog Global Reporter
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01236196 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Hoover Cleans up With Transportation Planning and Management From Logility

PR NEWSWIRE

March 25, 1998 9:23

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 400

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Value Chain Solutions capabilities include Demand Planning, Inventory Planning, Replenishment Planning, Manufacturing Planning, Event Planning, **WarehousePRO**, and Demand and Supply Chain Voyager, Logility's award-winning Internet products.

Hoover, the most...

... support organization and key industry alliances, Logility Value Chain Solutions deliver advanced collaborative planning and **synchronizes** demand opportunities with supply constraints and logistics operations. Logility is proud to serve such customers...

Set	Items	Description
S1	5855081	IDENTIF? OR DETERMIN? OR ESTIMAT? OR CALCULAT? OR GAUG? OR FIGURING()OUT OR ASSESS???
S2	4107153	DELIVERY OR TRANSPORT? OR ROUTE OR TRANSIT
S3	14122273	DATE OR TIME OR PERIOD OR WINDOW
S4	1201155	SYNCHRONIZ? OR SYNCHRONIS? OR COORDINAT??? OR CO()OCCUR? OR COOCCUR? OR TIMING OR TIMED OR JIT OR JUST(1W)TIME
S5	11114860	AGGREGAT? OR CONSOLIDAT??? OR COLLECT? OR GATHER? OR AMASS OR ACCUMULAT? OR GROUP??? OR BUNDL???
S6	12655503	ORDER? ? OR SHIPMENT? ? OR ITEM? ? OR MERCHANDI? OR PRODUCT? ? OR GOODS OR PURCHASE? ?
S7	483579	WAREHOUSE? OR DOCK? ? OR (DISTRIBUTION OR SHIPPING OR LOGISTICS OR FULFILLMENT OR PROCESSING OR STORAGE OR HOLDING) () (CENTER? ? OR HUB? ? OR FACILIT?) OR (THIRD OR 3RD) () PARTY() LOGISTICS OR 3PL OR 3PLS
S8	211871	S1(5N) (S2 OR S3)
S9	59771	S4(5N)S6
S10	392475	S5(5N)S6
S11	3773	S8(4S)S7
S12	204	S11(2S)S10
S13	16	S12(2S)S9
S14	11	RD (unique items)
S15	64	S12(2S)S4
S16	3	S15 NOT PY>2000
S17	3	RD (unique items)
S18	14	S14 OR S17
S19	14	RD (unique items)
S20	127029	(CUSTOMER? OR CONSUMER? OR BUYER? OR PURCHASER? OR SHOPPER? OR USER?) (5N) (PICK()UP OR TRANSFERRED OR OBTAIN OR RECEIVE OR COLLECT OR ACQUIRE)
S21	8628	S7(4S)S10
S22	191	S21(4S)S9
S23	5	S22(4S)S20
S24	5	RD (unique items)

File 20:Dialog Global Reporter 1997-2006/Jun 16
(c) 2006 Dialog

24/3,K/1

DIALOG(R)File 20:Dialog Global Reporter
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48973603

PROLIANCE INTERNATIONAL, INC.

EDGAR ONLINE

May 16, 2006

JOURNAL CODE: CXEO LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 3742

... economy and automotive and truck business, the impact of competitive products and pricing, changes in **customer** product mix, failure to **obtain** new **customers** or retain old **customers** or changes in the financial stability of customers, changes in the cost of raw materials...

24/3,K/2

DIALOG(R)File 20:Dialog Global Reporter
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48971188

ASG CONSOLIDATED LLC

EDGAR ONLINE

May 16, 2006

JOURNAL CODE: CXEO LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 3882

... prices are noted in Japanese yen (YEN) per kilogram, which is the unit price we **receive** from our Japanese **customers**. The pollock deepskin and block pin bone out are noted in U.S. dollars per pound, which is the unit price we **receive** from our **customers**. 2001 2002 2003 2004 2005 Pollock surimi YEN/kg YEN 212 YEN 278 YEN 222...freight is incurred when we transport the product to either our customer or a cold **storage facility**. Storage costs are incurred for product entering a cold **storage facility**. Land-Based Processing Segment Land-Based Processing Revenue. Revenue from our land-based processing segment pollock roe product and lower sales volumes of our pollock roe and surimi **product** due to sales **timing** differences. These sales timing differences resulted from a delay in product deliveries that caused the...

24/3,K/3

DIALOG(R)File 20:Dialog Global Reporter
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40653773 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Event Brief of Q4 2004 Mattel Earnings Conference Call - Part 1

FAIR DISCLOSURE WIRE

January 31, 2005

JOURNAL CODE: WFDW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 4464

... the shipments for 4Q04 occurred later in the qtr. 2. MAT has not changed its **customer** terms and it expects to **collect** these balances in 1Q05. 3. Excluding the YtoY change in factoring, which was down \$10m

24/3,K/4

DIALOG(R)File 20:Dialog Global Reporter
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30908169

Q3 2003 Spartech Earnings Conference Call - Part 1

FAIR DISCLOSURE WIRE

August 28, 2003

JOURNAL CODE: WFDW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 4520

... improvement in the color and compounds margin in our fourth quarter. The mold and profile **product group** 's operating profit 8.6 percent for the third quarter of 2003, compared to 7...

... and \$8 million of annual savings. We will also be consolidating several of our outside **warehouse** facilities, and eliminating some of our suppliers to further leverage our buying power, which will...our plant personnel in the lean manufacturing techniques. The work force reduction, elimination of outside **warehouse** space, and the reorganization of certain work schedules is projected to save, as we indicated...

24/3,K/5

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04442095 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Department 56 Reports Record Earnings Per Share for 1998; Solid Outlook for 1999

BUSINESS WIRE

February 24, 1999

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 2859

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... timing and extent of product receipts and shipments, the efficiency of information systems developed to **collect** , compile and execute **customer orders** , and retailer and consumer demand. Dealer orders are principally dependent on the amount, quality and...

Set	Items	Description
S1	3031210	IDENTIF? OR DETERMIN? OR ESTIMAT? OR CALCULAT? OR GAUG? OR FIGURING()OUT OR ASSESS???
S2	1702095	DELIVERY OR TRANSPORT? OR ROUTE OR TRANSIT
S3	5502670	DATE OR TIME OR PERIOD OR WINDOW
S4	670379	SYNCHRONIZ? OR SYNCHRONIS? OR COORDINAT??? OR CO()OCCUR? OR COOCCUR? OR TIMING OR TIMED OR JIT OR JUST(1W)TIME
S5	4878773	AGGREGAT? OR CONSOLIDAT??? OR COLLECT? OR GATHER? OR AMASS OR ACCUMULAT? OR GROUP??? OR BUNDL???
S6	5942004	ORDER? ? OR SHIPMENT? ? OR ITEM? ? OR MERCHANDI? OR PRODUCT? ? OR GOODS OR PURCHASE? ?
S7	280106	WAREHOUSE? OR DOCK? ? OR (DISTRIBUTION OR SHIPPING OR LOGISTICS OR FULFILLMENT OR PROCESSING OR STORAGE OR HOLDING)() (CENTER? ? OR HUB? ? OR FACILIT?) OR (THIRD OR 3RD)()PARTY()LOGISTICS OR 3PL OR 3PLS
S8	125964	(CUSTOMER? OR CONSUMER? OR BUYER? OR PURCHASER? OR SHOPPER? OR USER?)(5N)(PICK()UP OR TRANSFERRED OR OBTAIN OR RECEIVE OR COLLECT OR ACQUIRE)
S9	169591	S1(5N)(S2 OR S3)
S10	377651	S6(5N)(S4 OR S5)
S11	9015	S10(2S)S7
S12	232	S11(4S)S9
S13	10	S12(4S)S8
S14	10	RD (unique items)
S15	11551	S10(4S)S7
S16	319	S15(4S)S8
S17	12	S16(4S)S9
S18	30	S16 AND S9
S19	18	S18 NOT PY>2000
S20	17	RD (unique items)
File	15:ABI/Inform(R)	1971-2006/Jun 16 (c) 2006 ProQuest Info&Learning
File	610:Business Wire	1999-2006/Jun 16 (c) 2006 Business Wire.
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File	613:PR Newswire	1999-2006/Jun 16 (c) 2006 PR Newswire Association Inc
File	813:PR Newswire	1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc
File	634:San Jose Mercury	Jun 1985-2006/Jun 15 (c) 2006 San Jose Mercury News
File	624:McGraw-Hill Publications	1985-2006/Jun 16 (c) 2006 McGraw-Hill Co. Inc

20/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02102341 65173606

What will they think of next?

Guyette, James E; Paxton, Christy; Krizner, Ken
Frontline Solutions v1n13 PP: 14-21 Dec 2000
ISSN: 1528-6363 JRNL CODE: FRSE
WORD COUNT: 2988

...TEXT: Within the next year or two, Ryder wants to move to an updated transportation and **warehouse** management system, which will be integrated with its **order** management system. By coordinating these efforts with its Web development, Ryder will be able to offer new services to...

...an interactive online bill of lading (BOL) and its management system, and eTracking, which allows **users** to **receive** shipment status updates via e-mail.

The online BOL will store and retrieve partial or...

...freight moves through the Roadway system, upon its final delivery, or in the event the **shipment** is delayed.

"We have data **collection** devices at each of our doors," says Dave Pavlich, director of e-commerce technologies for...

...the phone and call about they can now get online," says Pavlich, adding that loading **dock** bar coding drives the system's functionality.

Technology puts the service in the Postal Service...

...technology expands the information envelope we can share with our customers," Dowling says. "It will **identify** specific mail processing, **transportation** and **delivery** volumes and help us place the right resources in the right place at the right..."

20/3,K/2 (Item 2 from file: 15)
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02094161 64675761

IPR protection and enforcement: A guide

Weeks, Ann M
China Business Review v27n6 PP: 28-33 Nov/Dec 2000
ISSN: 0163-7169 JRNL CODE: CHB
WORD COUNT: 4235

...TEXT: hold contests based on authorized receipts or proofs of purchase. Other companies combine contests with **consumer** hotlines to **collect** complaints. Complaints related to qualities uncharacteristic of a legitimate product can help identify counterfeiting production and **distribution facilities**. Other companies have established hotlines expressly to **gather** tips concerning counterfeit **goods**, and often give rewards to individuals with tips that result in the seizure of counterfeit...consider setting a threshold, based on the value or amount of product involved, that would **determine** whether the administrative or court **route** is used. If the objective is to halt the infringing action immediately, companies might find...

20/3,K/3 (Item 3 from file: 15)

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01968952 47608447

How to make RFDC work

Geier, James

Transportation & Distribution v40n12 PP: SCF8-SCF11 Dec 1999

ISSN: 0895-8548 JRNL CODE: HLS

WORD COUNT: 1340

...TEXT: warehouse management system (WMS) because it eliminates paper records and manual data entry. Most importantly, **customers receive** their orders sooner.

Clerks initiate transactions by scanning bar codes and continue the process by...

...error becomes a big problem.

Putaway

When placing an item in a storage location, the **warehouse** clerk scans the bar code on the shelf (representing the storage location) to verify the... wireless LAN will reduce the power requirements of the radio card, but be sure to **determine** the **time** batteries need to provide sufficient power before requiring a recharge. A battery that dies frequently...

20/3,K/4 (Item 4 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01870631 05-21623

Just-in-time logistics support for the automobile industry

Altenburg, Ken; Griscom, Debbie; Hart, Jack; Smith, Frank; Wohler, Gary
Production & Inventory Management Journal v40n2 PP: 59-66 Second Quarter 1999

ISSN: 0897-8336 JRNL CODE: PIM

WORD COUNT: 6013

...TEXT: to its customers, Roberts Express uses state-of-the-art AT&T network technology to **identify** callers and **route** them to the proper customer assistance team (CAT) member. This technology gives CAT members instant...

...function at the dock. All these actions combine to reduce inventories.

As a result of **JIT** implementation, the quality of delivered **goods** has improved to near 100%, ...p. 501]. Shipping damage is nearly eliminated. Materials come directly from the supplier to the **customer** and are not repeatedly **transferred** between transport mediums, greatly reducing the opportunity for damage to occur.
The quantities of parts...

...8, p. 457]."

Quality circles are small groups of volunteer employees who meet on company

time to **identify**, analyze and solve problems of their choice. Their solutions are then presented to management for...

20/3,K/5 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01499752 01-50740

Enterprise logistics in the information era

Greis, Noel P; Kasarda, John D
California Management Review v39n4 PP: 55-78 Summer 1997
ISSN: 0008-1256 JRNL CODE: CMR
WORD COUNT: 9333

...TEXT: batch orders. Deliveries of customized products are still often scheduled around production runs, and the **customer** may not **receive** his or her product until a sufficient number of **shipments** have been **collected** for the same destination. Through real-time information exchange between the manufacturing and transportation processes...

...and routine manner. Air express companies have derived their competitive advantage from the ability to **consolidate** the **shipments** of packages and to route them through their hubs. But these systems operate only within corporate boundaries. The ability to **bundle orders** from separate companies according to their geographic destination makes it possible to achieve the large...

...other peripherals from Inacom suppliers around the country. Skyway delivers them to four Skyway-owned **distribution centers** in the U.S., where they are packaged with Inacom computers for direct shipment to...

...emergent properties are also being used to reduce complexity in the supply network. For example, **warehouses** and **distribution centers** can be eliminated when just-in-time delivery is available overnight to most places in...

...within hours of ordering it. PARTMAX is a software program that tracks part usage over **time** to **determine** maximum and minimum inventory levels for automatic replenishment, and to identify parts that should be...

...assure that the customer is apprised of the problem and that alternative suppliers can be **identified** immediately. Second, in- **transit** material currently destined to another location can be quickly rerouted to replace the defective part...

...external databases with schedules and capacities for various transportation alternatives, but also decision rules for **determining** the "best" **route** to the customer through the intermodal and flexible transportation network. Knowledge-based tools are being...

20/3,K/6 (Item 6 from file: 15)
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01316427 99-65823

ABC in a virtual corporation

Davis, Tim R V; Darling, Bruce L

Management Accounting v78n4 PP: 18-26 Oct 1996
ISSN: 0025-1690 JRNL CODE: NAA
WORD COUNT: 3738

...TEXT: price premium. A lot of Super Bakery's business consists of less than trailer load **shipments**. Super Bakery must **consolidate shipments** to particular locations to make up full trailer loads or conform to the common carriers...

...that they are not overcharged for different shipments. Super Bakery uses historical customer information to **calculate** the exact cost of **transporting** a specified number and type of donuts to a particular location. In this way, actual...

...new orders will not be accepted until previous invoices have been paid. Brokers do not **receive** commission checks until **customers** have paid their invoices. For this reason, brokers have an incentive to follow up with...

20/3,K/7 (Item 7 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01155140 98-04535
Feeling the heat - Part 2
Sheth, Jagdish N; Sisodia, Rajendra S
Marketing Management v4n3 PP: 19-33 Winter 1995
ISSN: 1061-3846 JRNL CODE: MMA
WORD COUNT: 8303

...TEXT: shown that actual market shares are within 10% of predicted market shares 90% of the **time**. Furthermore, companies can use **Assessor** and similar models to "fine-tune" the marketing mix before launching their product.

* The sales...Value-added. As a result of this ability to integrate functions and services, and because **customers** will gain the ability to **obtain** the lowest price instantaneously on a given stand-alone item, the locus of competition will shift to providing **bundles** of benefits--combinations of **products** and services enhanced through customization, database capabilities, updates, and so on. Marketers will slowly shift...

...some inevitably will be), traditional marketers will end up with huge "stranded assets": networks of **warehouses** around the country, distributed customer service operations, expensive retail real estate, and so on.

Just...

20/3,K/8 (Item 8 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00969078 96-18471
Design and use of digitized road networks in international road transport
Eibl, Peter G
Logistics Information Management v7n6 PP: 40-46 1994
ISSN: 0957-6053 JRNL CODE: LIM

WORD COUNT: 4505

...TEXT: scheduled via crossing points thus avoiding unnecessary travel delays and, therefore, reducing the overall travelling **time** .

The accuracy of **identifying** geographic locations in digitized road networks is influenced by the quality of the underlying grid...This will be the case if more than one day is required to reach a **customer** , deliver or **collect** the **goods** and return to the depot. Multiple-day planning is particularly useful for the long-distance...

...are planned simultaneously at a central location, for example the head office or a central **warehouse** , for four depots, rather than separately at each individual depot.

Computerized vehicle routing and scheduling (CVRs) is widely recognized to be more efficient than manual **route** planning in terms of **calculation** speed as well as exactness and evaluation of the planning results. Ultimately, the generation of...

20/3,K/9 (Item 9 from file: 15)
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00878208 95-27600

Food distribution in the 1990s

Norkus, Gregory X; Merberg, Elliot

Cornell Hotel & Restaurant Administration Quarterly v35n3 PP: 50-63 Jun 1994

ISSN: 0010-8804 JRNL CODE: CHR

WORD COUNT: 7715

...TEXT: distributor is a restaurant company that accepts deliveries from vendors and manufacturers at its own **warehouses** . Small operators that do not maintain **warehouses** may, in fact, pick up their own food. In some cases, self distributors act somewhat...

...can maintain. Small customers' relatively small average orders involve higher margins than those of large **customers** , whose large orders generally **obtain** lower margins. A similar rule works with individual items. Less expensive products (on a cost...and then grant an off-invoice rebate, commonly called a pickup allowance. Distributors may also **assess** themselves a " **delivery** charge" for the backhauled delivery to their own distribution center that works its way into ...negotiates prices directly with the manufacturers, growers, and producers. Martin-Brower purchases from the sources **identified** by General Mills, arranges for **delivery** , and takes possession of those items at its distribution centers. It delivers the products to...

20/3,K/10 (Item 10 from file: 15)
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00810327 94-59719

Reformulating a logistics strategy: A concern for the past, present and future

Ballou, Ronald H

International Journal of Physical Distribution & Logistics Management

v23n5 PP: 30-38 1993
ISSN: 0960-0035 JRNL CODE: IPD
WORD COUNT: 5097

...TEXT: highly centralized. Also, much of the cost of distribution may be charged directly to the **customers**, as in the case when **collect** transportation is used as part of pricing. Many warehouses and private truck fleets would not...

...marketplace to reduce the extent of high-cost distribution.

Product life cycle. The concept that **products** and **groups** of **products** advance through a sales cycle of introduction, rapid growth, maturity, ... directly from a plant or vendor. Such direct, volume shipments need not be considered in **warehouse** location decisions.

Competition. The effect of competition in the product line can be an important...location of warehouses and the customers assigned to them. However, the locational analysis with its **estimated transportation** costs provides an initial assignment of customers to stocking points. It is from this assignment...

20/3,K/11 (Item 11 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00798713 94-48105

Commercial software for locating warehouses and other facilities

Ballou, Ronald H; Masters, James M
Journal of Business Logistics v14n2 PP: 71-107 1993
ISSN: 0735-3766 JRNL CODE: JBL
WORD COUNT: 4529

...TEXT: levels. Logistics customer service includes the availability of the product, the time required for a **customer** to **acquire** the product, condition of the product received, and the accuracy of filling the customer's...

...plants, and vendors by means of multiple transportation services. In planning, we ask:

* How many **warehouses** should there be, where should they be located, and what size should they be?

* How...These may include programs for coordinate lookup, for transport rate lookup from truck tariffs, for **transport rate estimation**, or for distance lookup. Regression programs for preparing inventory-warehouse throughput and rate-distance curves...

20/3,K/12 (Item 12 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00779747 94-29139

Barragan family sleeps well at night ... as world's largest mattress retailer

Hoke, Hank; Hoke, Pete
Direct Marketing v56n6 PP: 52-57 Oct 1993
ISSN: 0012-3188 JRNL CODE: DIM

WORD COUNT: 1476

...TEXT: and holidays... whenever the direct response TV commercial is run.

As the commercial airs, interested **buyers pick up** the phone and dial 1-800-MATTRES. They reach one of 50 telemarketers manning one of the booths in the utility's **warehouse** and headquarters at 31-10 48th Avenue, Long Island City, New York. The rep asks for the size mattress wanted (twin, regular, queen or king), tells them the price and **determines** when **delivery** can be made within a two-hour time frame...If the caller wants delivery immediately...

...in New York. If delivery is requested for a later, specific, two-hour time slot, **orders** are **accumulated** and given to the appropriate driver attending the area of delivery during the two-hour...

20/3,K/13 (Item 13 from file: 15)
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00756765 94-06157
Avoid the hazards of waste
Birkland, Carol
Fleet Equipment v19n8 PP: 56-59 Aug 1993
ISSN: 0747-2544 JRNL CODE: FEQ
WORD COUNT: 2164

...TEXT: the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) that identified hazardous waste sites. Also **identified** at that **time** was the potentially hazardous nature of batteries when improperly disposed. Recently, the EPA enforcement of...

...40 years ago. The program was well established long before environmental concerns were voiced. We **pick up** the spent batteries from our **customers** and transport them to an EPA approved smelter where the polypropylene is reground, the lead...

...America. Under this arrangement, Delco Remy collects junk batteries from customers and sends them to **warehouse** locations and **collection** sites for **shipment** to RSR."
(Editor's note: This is the first of a two-part article. The...

20/3,K/14 (Item 14 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00657710 93-06931
Customer Care, Much More Than a Smile: Developing a Customer Service Infrastructure
Thornberry, Neal; Hennessey, Hubert
European Management Journal v10n4 PP: 460-464 Dec 1992
ISSN: 0263-2373 JRNL CODE: EMJ
WORD COUNT: 3554

...TEXT: daunting and rarely satisfied by simple solutions. For example, customers usually require high levels of **delivery** service. The best way to **determine** customer's desired **delivery** level is to ask them. In a recent customer satisfaction survey, customers indicated they were...

...2 days (Hennessey 1992). This results in a service gap of three days. Also, the **customers** want to **receive** the order 100% complete, with no missing items, but the company only ships 68% of...

...of product. The marketing forecast is given to production planning along with current orders from **customer** service who **receive** the orders from the field. Production planning develops the production schedule based on this information, but often needs raw materials from purchasing. Finished goods are shipped to the **warehouse**, but can be rejected if the product quality is insufficient. The logistics department picks and...

...a major book order and a customer because of a policy of not shipping book **orders** by air. Honeywell Business Control **Group** experienced similar problems introducing a new modular HVAC control system because the members of the...

20/3,K/15 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2006 Business Wire. All rts. reserv.

00354282 20000830243B9795 (USE FORMAT 7 FOR FULLTEXT)
WatchGuard Begins Japanese Language LiveSecurity Service; Broadcasts Focus On the Security Management Needs of WatchGuard Subscribers in Japan
Business Wire
Wednesday, August 30, 2000 20:04 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 6,997

...Thousand (20,000) shares of the Company's common stock to the Purchaser, whichever the **Purchaser** elects. The **purchasers** in the **aggregate**, therefore, may **receive** up to One Hundred Thousand Dollars (\$100,000) in cash per month commencing June 9...

...shares of our common stock from Aryeh. The Plaintiff also seeks to foreclose on our **warehouse** facility located at 2555 Blackburn St., Clearwater, Florida, the facility from which we operate Nutrition Cafe and in which we **warehouse** 2,000 products. We have filed a Motion to Dismiss with respect to both causes...Securities Act of 1933, as amended. Forward-looking statements are based on the opinions and **estimates** of management at the **time** the statements are made and are subject to certain risks and uncertainties that could cause...

20/3,K/16 (Item 1 from file: 476)
DIALOG(R)File 476:Financial Times Fulltext
(c) 2006 Financial Times Ltd. All rts. reserv.

0010552065 A20000805352-4A-FT
NATIONAL NEWS: Land use may put cyberspace shopping on to terra firma:
Carlos Grande reports on a shared facilities scheme to meet the rising needs of e-commerce
CARLOS GRANDE

Financial Times, London Ed2 ED, P 3

Saturday, August 5, 2000

DOCUMENT TYPE: NEWSPAPER; Stories LANGUAGE: ENGLISH RECORD TYPE:

FULLTEXT SECTION HEADING: NATIONAL NEWS

Word Count: 539

Under the schemes, **customers** would be able to **pick up** internet orders on the way to or from work from depots shared by several internet retailers and couriers.

Park-and-ride **customers** could also **collect goods** bought in city centre stores when they return to their cars to avoid having to carry heavy parcels on public transport.

A report commissioned by English Partnerships **estimates** that home **delivery** of large white goods or perishable items is 30 per cent more expensive than shipping...

...have seen share prices tumble as investors baulk at losses from building and running dedicated **warehouses**.

In the US, Webvan, the internet grocer, plans to spend Dollars 1bn (Pounds 600m) on building **warehouses**. Tesco, which claims to be the world's biggest internet grocer, with 40,000-50...

20/3,K/17 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

1325958

CHM001

Optum Supply Chain Execution Software Selected By Mexico's Largest Chemical Company

DATE: August 17, 1998

09:03 EDT

WORD COUNT: 735

... capabilities to inform customers at order inception exactly when their orders will reach their loading **docks** and what they will cost. Optum software even includes "load sequencing" capabilities, as part of detailed customer profiles, that synchronize the way freight is loaded and unloaded so that **customers receive** orders in a way that maximizes their staff efficiency.

In addition to boosting customer service capabilities, Optum software's unique freight optimization capabilities will enable Celanese Mexicana to **consolidate shipments** among its manufacturing plants while automatically **determining** the best **transportation** mode, at the best rate, to balance financial objectives and delivery expectations.

About Celanese Mexicana...

Set	Items	Description
S1	3031210	IDENTIF? OR DETERMIN? OR ESTIMAT? OR CALCULAT? OR GAUG? OR FIGURING()OUT OR ASSESS???
S2	1702095	DELIVERY OR TRANSPORT? OR ROUTE OR TRANSIT
S3	5502670	DATE OR TIME OR PERIOD OR WINDOW
S4	670379	SYNCHRONIZ? OR SYNCHRONIS? OR COORDINAT??? OR CO()OCCUR? OR COOCCUR? OR TIMING OR TIMED OR JIT OR JUST(1W)TIME
S5	4878773	AGGREGAT? OR CONSOLIDAT??? OR COLLECT? OR GATHER? OR AMASS OR ACCUMULAT? OR GROUP??? OR BUNDL???
S6	5942004	ORDER? ? OR SHIPMENT? ? OR ITEM? ? OR MERCHANDI? OR PRODUCT? ? OR GOODS OR PURCHASE? ?
S7	280106	WAREHOUSE? OR DOCK? ? OR (DISTRIBUTION OR SHIPPING OR LOGISTICS OR FULFILLMENT OR PROCESSING OR STORAGE OR HOLDING) () (CENTER? ? OR HUB? ? OR FACILIT?) OR (THIRD OR 3RD) () PARTY() LOGISTICS OR 3PL OR 3PLS
S8	125964	(CUSTOMER? OR CONSUMER? OR BUYER? OR PURCHASER? OR SHOPPER? OR USER?) (5N) (PICK()UP OR TRANSFERRED OR OBTAIN OR RECEIVE OR COLLECT OR ACQUIRE)
S9	169591	S1(5N) (S2 OR S3)
S10	377651	S6(5N) (S4 OR S5)
S11	9015	S10(2S)S7
S12	232	S11(4S)S9
S13	10	S12(4S)S8
S14	10	RD (unique items)
S15	11551	S10(4S)S7
S16	319	S15(4S)S8
S17	12	S16(4S)S9
S18	30	S16 AND S9
S19	18	S18 NOT PY>2000
S20	17	RD (unique items)
S21	233259	S5(3N)S6
S22	33	S21(S)S7(S)S8
S23	11	S22 NOT PY>2000
S24	11	RD (unique items)
File	15:ABI/Inform(R)	1971-2006/Jun 16 (c) 2006 ProQuest Info&Learning
File	610:Business Wire	1999-2006/Jun 16 (c) 2006 Business Wire.
File	810:Business Wire	1986-1999/Feb 28 (c) 1999 Business Wire
File	476:Financial Times Fulltext	1982-2006/Jun 17 (c) 2006 Financial Times Ltd
File	613:PR Newswire	1999-2006/Jun 16 (c) 2006 PR Newswire Association Inc
File	813:PR Newswire	1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc
File	634:San Jose Mercury	Jun 1985-2006/Jun 15 (c) 2006 San Jose Mercury News
File	624:McGraw-Hill Publications	1985-2006/Jun 16 (c) 2006 McGraw-Hill Co. Inc

24/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2006 ProQuest Info&Learning. All rts. reserv.

02094161 64675761

IPR protection and enforcement: A guide

Weeks, Ann M

China Business Review v27n6 PP: 28-33 Nov/Dec 2000

ISSN: 0163-7169 JRNL CODE: CHB

WORD COUNT: 4235

...TEXT: hold contests based on authorized receipts or proofs of purchase. Other companies combine contests with **consumer** hotlines to **collect** complaints. Complaints related to qualities uncharacteristic of a legitimate product can help identify counterfeiting production and **distribution facilities**. Other companies have established hotlines expressly to **gather** tips concerning counterfeit **goods**, and often give rewards to individuals with tips that result in the seizure of counterfeit ...

24/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2006 ProQuest Info&Learning. All rts. reserv.

02075254 62414692

Was it good for you?

Wheatley, Malcolm

Director v54n2 PP: 103 Sep 2000

ISSN: 0012-3242 JRNL CODE: DRT

WORD COUNT: 827

...TEXT: firm WorldPay. "When customers order, an e-mail is sent to Plonk and to the **warehouse**," says Leathem. "Parcelforce then delivers anywhere in the UK for just L (English pound)4...

...day, Leathem is looking into such schemes as Collection Point and Drop Zone, which enable **buyers** to **collect goods** from petrol stations and other lateopening local places. Collection Point: www.collectpoint.com Drop Zone...

24/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2006 ProQuest Info&Learning. All rts. reserv.

01384600 00-35587

Planning and consolidating shipments from a warehouse

Klincewicz, J G; Rosenwein, M B

Journal of the Operational Research Society v48n3 PP: 241-246 Mar 1997

ISSN: 0160-5682 JRNL CODE: QQT

ABSTRACT: A typical **warehouse** or **distribution center** ships material to various customer locations across the country, using various modes of transportation. Each...

...on size of shipment, different cost structures, and different transportation times. Typically, for a given **warehouse**, there are certain **customer** locations that **receive** frequent shipments of material. It is often possible, therefore, for the **warehouse** to **consolidate**

different **orders** for the same customer location into a single shipment. The transportation mode and the day of shipment must be chosen such that the **consolidated shipment** meets the size constraints and arrives within an agreed-upon delivery window. The problem of...

...side constraints. A heuristic solution approach for this problem is described. Computational experiments using actual **warehouse** select activity indicate that, for moderate-size problems, the heuristic produces solutions with transportation costs...

24/3,K/4 (Item 4 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2006 ProQuest Info&Learning. All rts. reserv.

01222227 98-71622

DARWin: The evolution of data collection

Haley, Anne S

Management Accounting v77n11 PP: 45-47 May 1996

ISSN: 0025-1690 JRNL CODE: NAA

WORD COUNT: 1617

...TEXT: steps are being taken to lay such a foundation. Currently under way are plans to **collect customer** and **product** information for a data **warehouse**. With so many decentralized systems throughout the world, information will be exported from a variety...

...translated and moved from the affiliates' source systems into DARWin for transport to the Data **Warehouse**. Validation routines will ensure that previously reported data tie to data published by Corporate.

"Go...

24/3,K/5 (Item 5 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2006 ProQuest Info&Learning. All rts. reserv.

00903442 95-52834

Getting the message across

Calderbank, Alison

Computer Reseller News Distributor Census Supplement PP: 42A-44A Jul 25, 1994

ISSN: 0893-8377 JRNL CODE: CRN

WORD COUNT: 1553

...TEXT: distributors also take advantage of will-call resellers that pick up product directly at the **warehouse**. Nearly one-third of Horizon Micro's **customers collect orders** at the office, so the company leaves a great deal of current product literature available...

24/3,K/6 (Item 6 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2006 ProQuest Info&Learning. All rts. reserv.

00779747 94-29139

Barragan family sleeps well at night ... as world's largest mattress retailer

Hoke, Hank; Hoke, Pete

Direct Marketing v56n6 PP: 52-57 Oct 1993
ISSN: 0012-3188 JRNL CODE: DIM
WORD COUNT: 1476

...TEXT: and holidays... whenever the direct response TV commercial is run.

As the commercial airs, interested **buyers pick up** the phone and dial 1-800-MATTRES. They reach one of 50 telemarketers manning one of the booths in the utility's **warehouse** and headquarters at 31-10 48th Avenue, Long Island City, New York. The rep asks...

...in New York. If delivery is requested for a later, specific, two-hour time slot, **orders** are **accumulated** and given to the appropriate driver attending the area of delivery during the two-hour...

24/3,K/7 (Item 7 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2006 ProQuest Info&Learning. All rts. reserv.

00680201 93-29422

Fast forwarding

Jacobs, Jon

International Business v6n2 PP: 29-32 Feb 1993
ISSN: 1054-1748 JRNL CODE: NAI
WORD COUNT: 1586

...TEXT: just one stop, importers and exporters can hire forwarders to arrange truck pickup and delivery, **consolidate** small **shipments** and negotiate rate contracts. Beyond that, forwarders also operate **warehouses**, supply customers with extensive data about past and present shipments, and sometimes even help **customers obtain** export financing.

BETTER SERVICE, LOWER PRICES. As a result, exporters and importers are receiving a...

24/3,K/8 (Item 8 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2006 ProQuest Info&Learning. All rts. reserv.

00222840 84-01401

Computer 'Shops' for Customers at Phone In-Drive Thru Market

Whalen, Bernie

Marketing News v17n24 (Section 1) PP: 3, 6 Nov 25, 1983
ISSN: 0025-3790 JRNL CODE: MNW

...ABSTRACT: an IBM System 38; the operators also advise customers of sale items and produce prices. **Customers** arrange to **pick up** orders anytime after a 3-hour waiting period. The computer **groups** several **orders** into a bulk-pick run that lists items by category. An employee uses the printout and a large cart to follow a computer-set route through the **warehouse**. The computer analyzes all items so that heavy items are put in the bottom of...

24/3,K/9 (Item 1 from file: 613)
DIALOG(R)File 613:PR Newswire
(c) 2006 PR Newswire Association Inc. All rts. reserv.

00322703 20000428ATF002 (USE FORMAT 7 FOR FULLTEXT)

UPS Logistics Group to Provide Distribution Link to Isuppli

PR Newswire

Friday, April 28, 2000 09:01 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 612

UPS LG will operate cross- **dock** facilities to **receive aggregated orders** , breaking them into **customer** -specific shipments. The logistics provider will also manage inbound and outbound transportation to help ensure...

24/3,K/10 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

0146760

NY007A

DATE: March 1, 1989

10:09 EST

WORD COUNT: 917

...direct
marketers...

This spring, Congress will consider legislation that would force out-of-state mail **order** companies to **collect** use taxes on **purchases** from

customers in states where companies have no office, store or **warehouse** , a practice that is considered unconstitutional by the U.S. Supreme Court.

Direct marketers oppose...

24/3,K/11 (Item 1 from file: 624)

DIALOG(R)File 624:McGraw-Hill Publications

(c) 2006 McGraw-Hill Co. Inc. All rts. reserv.

00805113

FILLING THE FRIDGE FROM CYBERSPACE

EDITED BY PETER COY

By Paul C. Judge

Business Week, Number 3500, Pg 192E

November 4, 1996

JOURNAL CODE: BW

SECTION HEADING: Bits & Bytes ISSN: 0007-7135

WORD COUNT: 181

TEXT:

... division of Whole Foods Market Inc., or Groceries to Go, an online grocery retailer with **warehouses** but no stores. Each so far has one food **pick - up** site in the Boston area. **Customers** pay by credit card or in person when they **collect** their **orders** .

The food-online.com site has separate sections for its two food sellers. In the...

Set	Items	Description
S1	6858716	IDENTIF? OR DETERMIN? OR ESTIMAT? OR CALCULAT? OR GAUG? OR FIGURING()OUT OR ASSESS???
S2	4663382	DELIVERY OR TRANSPORT? OR ROUTE OR TRANSIT
S3	12811249	DATE OR TIME OR PERIOD OR WINDOW
S4	1538700	SYNCHRONIZ? OR SYNCHRONIS? OR COORDINAT??? OR CO()OCCUR? OR COOCCUR? OR TIMING OR TIMED OR JIT OR JUST(1W)TIME
S5	11519936	AGGREGAT? OR CONSOLIDAT??? OR COLLECT? OR GATHER? OR AMASS OR ACCUMULAT? OR GROUP??? OR BUNDL???
S6	21130280	ORDER? ? OR SHIPMENT? ? OR ITEM? ? OR MERCHANDI? OR PRODUCT? ? OR GOODS OR PURCHASE? ?
S7	817258	WAREHOUSE? OR DOCK? ? OR (DISTRIBUTION OR SHIPPING OR LOGISTICS OR FULFILLMENT OR PROCESSING OR STORAGE OR HOLDING)() (CENTER? ? OR HUB? ? OR FACILIT?) OR (THIRD OR 3RD)()PARTY()LOGISTICS OR 3PL OR 3PLS
S8	342796	(CUSTOMER? OR CONSUMER? OR BUYER? OR PURCHASER? OR SHOPPER? OR USER?) (5N) (PICK()UP OR TRANSFERRED OR OBTAIN OR RECEIVE OR COLLECT OR ACQUIRE)
S9	346735	S1(5N) (S2 OR S3)
S10	985220	S6(5N) (S4 OR S5)
S11	11351	S10(S)S7
S12	206	S11(4S)S9
S13	12	S12(4S)S8
S14	5	S13 NOT PY>2000
S15	5	RD (unique items)
S16	31501	S10(4S)S7
S17	605	S16(4S)S9
S18	24	S17(4S)S8
S19	6	S18 NOT PY>2000
S20	6	RD (unique items)
File	9:Business & Industry(R)	Jul/1994-2006/Jun 15 (c) 2006 The Gale Group
File	275:Gale Group Computer DB(TM)	1983-2006/Jun 15 (c) 2006 The Gale Group
File	621:Gale Group New Prod. Annou.(R)	1985-2006/Jun 16 (c) 2006 The Gale Group
File	636:Gale Group Newsletter DB(TM)	1987-2006/Jun 15 (c) 2006 The Gale Group
File	16:Gale Group PROMT(R)	1990-2006/Jun 15 (c) 2006 The Gale Group
File	160:Gale Group PROMT(R)	1972-1989 (c) 1999 The Gale Group
File	148:Gale Group Trade & Industry DB	1976-2006/Jun 16 (c) 2006 The Gale Group

20/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2006 The Gale Group. All rts. reserv.

02969295 Supplier Number: 44023122 (USE FORMAT 7 FOR FULLTEXT)
ComputerLand debuts POET system: Order-entry version serves as EDI gateway
Computer Reseller News, p124
August 9, 1993
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 490

... 000 products.
The system also serves as an electronic data interchange (EDI) gateway to enable **users** to **receive** and use data from Pleasanton-based Computer-Land before they are ready to implement an...

...gives customers information on manufacturers' delivery dates, search and retrieval capabilities and the ability to **bundle** to speed future **orders**

For example, a routinely ordered **grouping** can be permanently defined as 'CUST#1,' ComputerLand said.
David Gerber, director of ComputerLand's...

...once users placed orders they said they wanted to know where their product was to **gauge delivery**..
POET 5.1 also makes it easier for users to access information about specific products...

20/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2006 The Gale Group. All rts. reserv.

01271214 Supplier Number: 41481239 (USE FORMAT 7 FOR FULLTEXT)
Digital to Sell Warehouse Software
Metalworking News, p12
August 6, 1990
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 388

... they have," Jurmain said.
IMI's WMS executes the management of items in a conventional **warehouse**. Information scanned at various locations is used by WMS to send instructions via radio frequency links to hand-held terminals or terminals mounted on fork lifts in the **warehouse**. The system **collects** quality-control information on inspected **goods**, transmits picking instructions, **calculates transportation** charges and does performance reporting.

WMS can also command a programmable logic controller, which, in...

...from these automatic storage and retrieval systems. Through integration with host business systems, WMS can **receive** purchase and **customer** order data and transmit receipt and shipment data.

Available immediately, pricing for the software is...

20/3,K/3 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2006 The Gale Group. All rts. reserv.

08646946 SUPPLIER NUMBER: 18261697 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Re-engineering Dayco Corporation via cycle time reduction. (includes
related article on the Dayco Corp.'s range of products and services)**
Zunkhon, Linda; Lightle, Susan; Talbott, John
CMA - the Management Accounting Magazine, v70, n2, p25(4)
March, 1996
ISSN: 0831-3881 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2895 LINE COUNT: 00233

... is received by the customer, it can take anywhere from 30 to 480
days to **receive** payment, based on the specific **customer**'s credit terms.
If there is a discrepancy in the payment of the invoice, it...

20/3,K/4 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

06756704 SUPPLIER NUMBER: 14564012 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Barragan family sleeps well at night ... as world's largest mattress
retailer. (Dial-A-Mattress) (Media Management)**
Direct Marketing, v56, n6, p52(3)
Oct, 1993
ISSN: 0012-3188 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1821 LINE COUNT: 00138

... in New York. If delivery is requested for a later, specific,
two-hour time slot, **orders** are **accumulated** and given to the appropriate
driver attending the area of delivery during the two-hour...

20/3,K/5 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

04823592 SUPPLIER NUMBER: 09395227 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Digital to sell warehouse software. (Digital Equipment Corp.) (Factory
Automation)**
Rossi, Cathy
Metalworking News, v17, n796, p12(1)
August 6, 1990
ISSN: 0891-4036 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 420 LINE COUNT: 00034

... from these automatic storage and retrieval systems. Through
integration with host business systems, WMS can **receive** purchase and
customer order data and transmit receipt and shipment data.
Available immediately, pricing for the software is...

20/3,K/6 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

04817400 SUPPLIER NUMBER: 08900716 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Export/import terms you need to know. (International Know-How)
Traffic Management, v29, n9, p37(4)
Sept, 1990

EIC 3600

Dialog Search

ISSN: 0041-0691

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2204

LINE COUNT: 00177

... advises the buyer of the particulars and value of the goods.
Usually required by the **buyer** in order to **obtain** an import permit or
letter of credit. Restricted articles - An airline term meaning a hazardous

Set	Items	Description
S1	5418414	IDENTIF? OR DETERMIN? OR ESTIMAT? OR CALCULAT? OR GAUG? OR FIGURING()OUT OR ASSESS???
S2	2534406	DELIVERY OR TRANSPORT? OR ROUTE OR TRANSIT
S3	13948624	DATE OR TIME OR PERIOD OR WINDOW
S4	1200527	SYNCHRONIZ? OR SYNCHRONIS? OR COORDINAT??? OR CO()OCCUR? OR COOCCUR? OR TIMING OR TIMED OR JIT OR JUST(1W)TIME
S5	9155257	AGGREGAT? OR CONSOLIDAT??? OR COLLECT? OR GATHER? OR AMASS OR ACCUMULAT? OR GROUP??? OR BUNDL???
S6	7746742	ORDER? ? OR SHIPMENT? ? OR ITEM? ? OR MERCHANDI? OR PRODUCT? ? OR GOODS OR PURCHASE? ?
S7	526126	WAREHOUSE? OR DOCK? ? OR (DISTRIBUTION OR SHIPPING OR LOGISTICS OR FULFILLMENT OR PROCESSING OR STORAGE OR HOLDING)() (CENTER? ? OR HUB? ? OR FACILIT?) OR (THIRD OR 3RD)()PARTY()LOGISTICS OR 3PL OR 3PLS
S8	70248	(CUSTOMER? OR CONSUMER? OR BUYER? OR PURCHASER? OR SHOPPER? OR USER?)(5N)(PICK()UP OR TRANSFERRED OR OBTAIN OR RECEIVE OR COLLECT OR ACQUIRE)
S9	158414	S1(5N)(S2 OR S3)
S10	270919	S6(5N)(S4 OR S5)
S11	7522	S10(4S)S7
S12	71	S11(4S)S9
S13	13	S12 AND S8
S14	7	S13 NOT PY>2000
S15	7	RD (unique items)
File	47:	Gale Group Magazine DB(TM) 1959-2006/Jun 16 (c) 2006 The Gale group
File	570:	Gale Group MARS(R) 1984-2006/Jun 15 (c) 2006 The Gale Group
File	635:	Business Dateline(R) 1985-2006/Jun 16 (c) 2006 ProQuest Info&Learning
File	476:	Financial Times Fulltext 1982-2006/Jun 17 (c) 2006 Financial Times Ltd
File	477:	Irish Times 1999-2006/Jun 16 (c) 2006 Irish Times
File	710:	Times/Sun.Times(London) Jun 1988-2006/Jun 16 (c) 2006 Times Newspapers
File	711:	Independent(London) Sep 1988-2006/Jun 16 (c) 2006 Newspaper Publ. PLC
File	756:	Daily/Sunday Telegraph 2000-2006/Jun 16 (c) 2006 Telegraph Group
File	757:	Mirror Publications/Independent Newspapers 2000-2006/Jun 16 (c) 2006
File	387:	The Denver Post 1994-2006/Jun 15 (c) 2006 Denver Post
File	471:	New York Times Fulltext 1980-2006/Jun 16 (c) 2006 The New York Times
File	492:	Arizona Repub/Phoenix Gaz 19862002/Jan 06 (c) 2002 Phoenix Newspapers
File	494:	St LouisPost-Dispatch 1988-2006/Jun 15 (c) 2006 St Louis Post-Dispatch
File	631:	Boston Globe 1980-2006/Jun 15 (c) 2006 Boston Globe
File	633:	Phil.Inquirer 1983-2006/Jun 15 (c) 2006 Philadelphia Newspapers Inc
File	638:	Newsday/New York Newsday 1987-2006/Jun 15 (c) 2006 Newsday Inc.
File	640:	San Francisco Chronicle 1988-2006/Jun 15 (c) 2006 Chronicle Publ. Co.
File	641:	Rocky Mountain News Jun 1989-2006/Jun 16 (c) 2006 Scripps Howard News

File 702: Miami Herald 1983-2006/Jun 14
(c) 2006 The Miami Herald Publishing Co.
File 703: USA Today 1989-2006/Jun 15
(c) 2006 USA Today
File 704: (Portland) The Oregonian 1989-2006/Jun 15
(c) 2006 The Oregonian
File 713: Atlanta J/Const. 1989-2006/Jun 16
(c) 2006 Atlanta Newspapers
File 714: (Baltimore) The Sun 1990-2006/Jun 16
(c) 2006 Baltimore Sun
File 715: Christian Sci. Mon. 1989-2006/Jun 15
(c) 2006 Christian Science Monitor
File 725: (Cleveland) Plain Dealer Aug 1991-2006/Jun 15
(c) 2006 The Plain Dealer
File 735: St. Petersburg Times 1989- 2006/Jun 15
(c) 2006 St. Petersburg Times

15/3,K/1 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2006 The Gale group. All rts. reserv.

05262589 SUPPLIER NUMBER: 53203651 (USE FORMAT 7 OR 9 FOR FULL TEXT)
1998 Holiday Guide To Wholesalers and Distributors.
TARDIFF, JILL A.
Publishers Weekly, 23(1)
Nov 9, 1998
ISSN: 0000-0019 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 7180 LINE COUNT: 00560

... shipped next day; all orders shipped via UPS Ground or method requested. For Christmas delivery, **order** by Dec. 20.

ASSOCIATED PUBLISHERS **GROUP** (APG)
Nashville. (800) 327-5113, (615) 254-2450; 24-hour fax (615) 254-2408. Open...

...and Sun. (Dec. 12-Dec. 20), noon-8 p.m. EST. Closed Nov. 26, 27 (**warehouse** closed; orders accepted), Dec. 24, Dec. 25, Jan. 1. Books, calendars, spoken-word audio from...

...allow for method of shipment (UPS, RPS or local carrier). Call local customer service to **determine** next-day **delivery** order deadlines and schedules in area. Holiday special: weekend extra 1% starting Nov. 7; call ...the Star System backlist service. Orders received by noon CST shipped same day; distribution center **customer pick - up** service available. For Christmas delivery, order by Dec. 18.

DISTRIBOOKS INC.
Skokie, Ill. (847) 676...

15/3,K/2 (Item 2 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2006 The Gale group. All rts. reserv.

04642937 SUPPLIER NUMBER: 18873372 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Delivering the goods.(shipping automation)(Special Issue: Technology)
Macht, Joshua
Inc., v18, n17, p34(6)
Nov 19, 1996
ISSN: 0162-8968 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 4575 LINE COUNT: 00356

... of maintaining the fleet - gas, oil, tune-ups - as well as the costs of the **delivery** manager and depreciation are **calculated** in, we break even on the delivery fee," he says.

But the greatest benefit of...only punch a few keys to print out a customer,s invoice. Not only are **customers** happier because they **receive** bills faster, explains Setzer, but Uni-four benefits because it gets paid sooner. "This system...

15/3,K/3 (Item 3 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2006 The Gale group. All rts. reserv.

04341535 SUPPLIER NUMBER: 17443511 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Digital library concepts and technologies for the management of library collections: an analysis of methods and costs.

Saffady, William
Library Technology Reports, v31, n3, p221(159)
May-June, 1995
ISSN: 0024-2586 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 71844 LINE COUNT: 06040

... data entry, file maintenance, and retrieval operations are supported by database management software. At retrieval **time**, the database is searched to **determine** the existence and media addresses of document images that meet specified parameters. Potentially relevant database...bibliographic databases can often be accessed from remote workstations located in offices, classrooms, or homes, **users** must visit the library to **obtain** required documents or arrange for physical delivery via mail or courier service. Addressing this limitation...recorded as ASCII text files on magnetic tapes, diskettes, or other media specified by the **customer**.

To **obtain** a price quote for offshore data-entry, a library can mail or fax copies of...The link to tomorrow. Unix Review 8 (2): 58-67.

Miller, R. 1993. From warehouse **to** gateway: A new university library and a new paradigm. Library Acquisitions: Practice and Theory 17...

15/3,K/4 (Item 1 from file: 570)
DIALOG(R)File 570:Gale Group MARS(R)
(c) 2006 The Gale Group. All rts. reserv.

01826971 Supplier Number: 58181052 (USE FORMAT 7 FOR FULLTEXT)
Net Retailers Face A Taxing Question; Are online stores obligated to charge sales tax on purchases? It depends on who you ask.(Company Business and Marketing)
Wasserman, Elizabeth
Network World, pNA
Dec 6, 1999
ISSN: 0887-7661
Language: English Record Type: Fulltext
Document Type: Tabloid; Trade
Word Count: 1307

... 46 states that impose taxes.
Two electronics stores illustrate the point. CompUSA (CPU) doesn't **collect** taxes on online purchases from **shoppers** who live outside Texas, Massachusetts and Tennessee, where the computer chain's online subsidiary has...

...includes such catalog retailers as L.L.Bean and Lands' End, are not obligated to **collect** sales tax from **consumers** in states in which the stores don't have a physical presence, or "nexus." Most...
...into our overall operations," says David Bullington, VP of tax issues at Wal-Mart, which **collects** sales tax on online **purchases**. "We continue to give consideration to setting up a special purpose subsidiary," he adds.
"The...in San Francisco next week.

But this holiday season may be the make-or-break **period** for some online retailers in **determining** which will pull ahead of the pack. Particularly in some of the most competitive arenas...

15/3,K/5 (Item 1 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2006 ProQuest Info&Learning. All rts. reserv.

0838656 97-98998

FISHER, OTHER UPS CUSTOMERS SCRAMBLE

Gaynor, Pamela

Pittsburgh Post-Gazette (Pittsburgh, PA, US) pC.7

PUBL DATE: 970806

WORD COUNT: 513

DATELINE: Pittsburgh, PA, US, Middle Atlantic

TEXT:

...huge catalog, now also maintains an elaborate computerized ordering and inventory system that lets regular **customers** place their **orders** electronically and **receive** " **just -in- time** " deliveries.

UPS says it normally moves the equivalent of 6 percent of the U.S...

...there were angry confrontations at others as management and other nonunion workers drove the brown **delivery** vehicles. UPS spokesman Mark Dickens **estimated** the Atlanta-based company was running at less than 10 percent capacity.

"We've got...

15/3,K/6 (Item 2 from file: 635)

DIALOG(R)File 635:Business Dateline(R)

(c) 2006 ProQuest Info&Learning. All rts. reserv.

0410585 93-62447

Paperless world: The lesson of electronic data communications

Berry, Pam

Corporate Detroit Magazine (Southfield, MI, US), V10 N8 s1 p40

PUBL DATE: 930700

WORD COUNT: 955

DATELINE: Romulus, MI, US

TEXT:

...services.

For instance, the company uses EDI to evaluate the performance of a carrier and **determine** whether **delivery** goals have been met. Through EDI, The Harper **Group** can even pre-clear a **shipment** coming into the country before it reaches port. The Harper Group office prepares all entries...

...destination. Services include warehousing, distribution and information management. The Harper Group has 380 offices and **distribution centers** in 44 countries. A selling point is that manufacturers, relieved of their transportation burden, can...

...it felt it did best--designing, manufacturing and marketing products.

The Harper Group arranged to **pick up** products at the **customer 's** manufacturing facilities around the world and transport them by air to a high-security...

15/3,K/7 (Item 1 from file: 476)

DIALOG(R)File 476:Financial Times Fulltext

(c) 2006 Financial Times Ltd. All rts. reserv.

0010552065 A20000805352-4A-FT

NATIONAL NEWS: Land use may put cyberspace shopping on to terra firma:**Carlos Grande reports on a shared facilities scheme to meet the rising needs of e-commerce**

CARLOS GRANDE

Financial Times, London Ed2 ED, P 3

Saturday, August 5, 2000

DOCUMENT TYPE: NEWSPAPER; Stories LANGUAGE: ENGLISH RECORD TYPE:

FULLTEXT SECTION HEADING: NATIONAL NEWS

Word Count: 539

Under the schemes, **customers** would be able to **pick up** internet orders on the way to or from work from depots shared by several internet retailers and couriers.

Park-and-ride **customers** could also **collect goods** bought in city centre stores when they return to their cars to avoid having to carry heavy parcels on public transport.

A report commissioned by English Partnerships **estimates** that home **delivery** of large white goods or perishable items is 30 per cent more expensive than shipping...

...have seen share prices tumble as investors baulk at losses from building and running dedicated **warehouses** .

In the US, Webvan, the internet grocer, plans to spend Dollars 1bn (Pounds 600m) on building **warehouses** . Tesco, which claims to be the world's biggest internet grocer, with 40,000-50...

Set	Items	Description
S1	8357322	IDENTIF? OR DETERMIN? OR ESTIMAT? OR CALCULAT? OR GAUG? OR FIGURING()OUT OR ASSESS???
S2	1826760	DELIVERY OR TRANSPORT? OR ROUTE OR TRANSIT
S3	4473802	DATE OR TIME OR PERIOD OR WINDOW
S4	737620	SYNCHRONIZ? OR SYNCHRONIS? OR COORDINAT??? OR CO()OCCUR? OR COOCCUR? OR TIMING OR TIMED OR JIT OR JUST(1W)TIME
S5	4365444	AGGREGAT? OR CONSOLIDAT??? OR COLLECT? OR GATHER? OR AMASS OR ACCUMULAT? OR GROUP??? OR BUNDL???
S6	3685526	ORDER? ? OR SHIPMENT? ? OR ITEM? ? OR MERCHANDI? OR PRODUCT? ? OR GOODS OR PURCHASE? ?
S7	39183	WAREHOUSE? OR DOCK? ? OR (DISTRIBUTION OR SHIPPING OR LOGISTICS OR FULFILLMENT OR PROCESSING OR STORAGE OR HOLDING)() (CENTER? ? OR HUB? ? OR FACILIT?) OR (THIRD OR 3RD)()PARTY()LOGISTICS OR 3PL OR 3PLS
S8	5253	(CUSTOMER? OR CONSUMER? OR BUYER? OR PURCHASER? OR SHOPPER? OR USER?) (5N) (PICK()UP OR TRANSFERRED OR OBTAIN OR RECEIVE OR COLLECT OR ACQUIRE)
S9	318395	S1(5N) (S2 OR S3)
S10	10431	S6(5N)S4
S11	62338	S6(5N)S5
S12	39	S7(4S)S8
S13	46	S7 AND S8
S14	205	S7(4S)S11
S15	4	S14 AND S10
S16	4	S14 AND S9
S17	4	S14 AND S8
S18	10	S14 AND (S10 OR S9 OR S8)
S19	7	S18 NOT PY>2000
S20	4	RD (unique items)
File	6:NTIS	1964-2006/Jun W1 (c) 2006 NTIS, Intl Cpyrght All Rights Res
File	7:Social SciSearch(R)	1972-2006/Jun W2 (c) 2006 Inst for Sci Info
File	8:EI Compendex(R)	1970-2006/Jun W1 (c) 2006 Elsevier Eng. Info. Inc.
File	14:Mechanical and Transport Engineer Abstract	1966-2006/Jun (c) 2006 CSA.
File	34:SciSearch(R) Cited Ref Sci	1990-2006/Jun W2 (c) 2006 Inst for Sci Info
File	94:JICST-EPlus	1985-2006/Mar W2 (c)2006 Japan Science and Tech Corp(JST)
File	434:SciSearch(R) Cited Ref Sci	1974-1989/Dec (c) 1998 Inst for Sci Info

20/3,K/1 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
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1155674 NTIS Accession Number: AD-A148 878/2

Product Performance Agreement Center Proceedings Held at Dayton, Ohio on 18-19 June 1984

Product Performance Agreement Center, Wright-Patterson AFB, OH.
Corp. Source Codes: 082597000; 415292
19 Jun 84 139p
Languages: English Document Type: Conference proceeding
Journal Announcement: GRAI8507
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The Air Force Acquisition **Logistics Center** sponsored the first annual Product Performance Agreement Center (PPAC) Symposium in June 1984. PPAC is a joint AFSC/AFLC organization that serves as a focal point for warranty data **collection** and analysis, **coordinating** all **Product** Performance Agreement (PPA) characteristics. The symposium served as an open forum for Government and Industry...

20/3,K/2 (Item 1 from file: 7)
DIALOG(R)File 7:Social SciSearch(R)
(c) 2006 Inst for Sci Info. All rts. reserv.

03012345 Genuine Article#: WK571 No. References: 5
Title: Planning and consolidating shipments from a warehouse
Author(s): Klineciewicz JG; Rosenwein MB
Corporate Source: AT&T BELL LABS,CRAWFORDS CORNER RD/HOLMDEL//NJ/07733
(REPRINT); AT&T BELL LABS,/HOLMDEL//NJ/07733
Journal: JOURNAL OF THE OPERATIONAL RESEARCH SOCIETY, 1997, V48, N3 (MAR)
, P241-246
Publisher: STOCKTON PRESS, HOUNDMILLS, BASINGSTOKE, HAMPSHIRE, ENGLAND RG21 6XS
ISSN: 0160-5682
Language: English Document Type: Article
(ABSTRACT AVAILABLE)

Title: Planning and consolidating shipments from a warehouse
Abstract: A typical **warehouse** or distribution centre ships material to various customer locations across the country, using various modes...

...on size of shipment, different cost structures and different transportation times. Typically, for a given **warehouse** there are certain **customer** locations that **receive** frequent shipments of material. It is often possible, therefore, for the **warehouse** to **consolidate** different **orders** for the same customer location into a single shipment. The transportation mode and the day of shipment must be chosen such that the **consolidated shipment** meets the size constraints and arrives within an agreed-upon 'delivery window'. In preparing a **warehouse** distribution plan, a planner seeks to achieve transportation economies of scale (by **consolidating** two or more **orders** into fewer shipments) while levelling the workload on **warehouse** resources and ensuring that material arrives at a customer location during the acceptable delivery window...

...constraints. This paper describes a heuristic solution approach for this problem. Computational experiments using actual **warehouse** select activity indicate that, for moderate-size problems, the heuristic produces solutions with transportation costs...

20/3,K/3 (Item 1 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

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03616193 E.I. No: EIP93040771486

Title: Sequencing and batching procedures for minimizing earliness and tardiness penalty of order retrievals

Author: Elsayed, E.A.; Lee, M.-K.; Kim, S.; Scherer, E.

Corporate Source: State Univ of New Jersey, Piscataway, NJ, USA

Source: International Journal of Production Research v 31 n 3 Mar 1993. p 727-738

Publication Year: 1993

CODEN: IJPRB8 ISSN: 0020-7543

Language: English

Abstract: Order retrieval is considered one of the most costly activities in automated **warehouses**. A recent survey, Warehousing Education and Research Council's 1986 Survey, identified order picking as...

...every batch is retrieved in one tour (trip) of the automated storage/retrieval machine. The **grouping** of **orders** into batches (batching process) is performed based on a penalty function which incorporates both the earliness and the tardiness of the orders. The objective is to sequence and **group** the **orders** into batches such that the penalty function is minimized. We develop efficient procedures for **order** sequencing and batching such that **just -in- time order** retrieval can be achieved. (Author abstract) Refs.

20/3,K/4 (Item 2 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

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00719492 E.I. Monthly No: EI7806042418 E.I. Yearly No: EI78044441

Title: TRANSPORTATION MODE SELECTION MODEL FOR A CONSOLIDATION WAREHOUSE SYSTEM.

Author: Monahan, J. P.; Berger, P. D.

Corporate Source: Boston Univ, Mass

Source: Zeitschrift fuer Operations Research, Serie A: Theorie v 21 n 5 Oct 1977 p 211-222

Publication Year: 1977

CODEN: ZORTB8 ISSN: 0340-9422

Language: ENGLISH

Abstract: A transportation mode selection model for a consolidation **warehouse** system is presented. It **determines** the **transportation** mode to be used by each plant or **warehouse** (point of origin) to ship its **order** to the company's **consolidation** point or "central" **warehouse**. The model considers the tradeoff between the total cost of transporting items and the maximum time until a complete **order** has reached the **consolidation** point. It brings to bare the effect of each possible mode on (1) buyer transportation...